INTRODUCTION TO AMERICAN HISTORY

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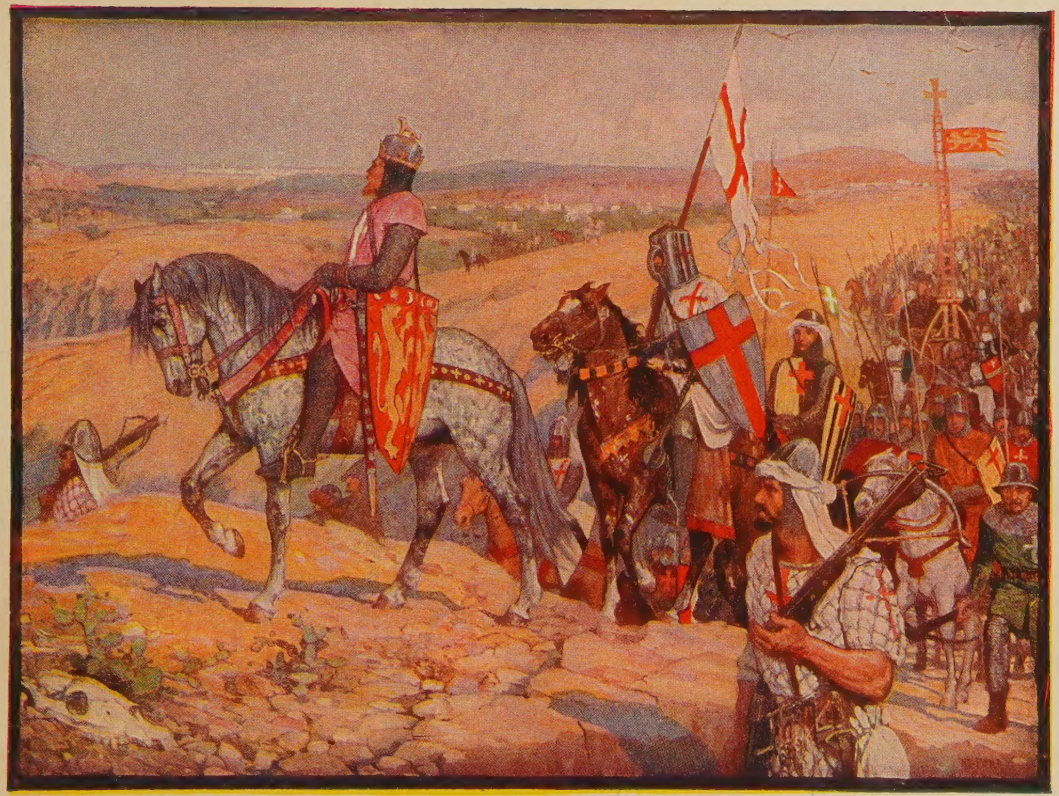

RICHARD "THE LION-HEARTED" APPROACHING JERUSALEM

INTRODUCTION TO AMERICAN HISTORY

THE EUROPEAN BACKGROUND

BY

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"BEGINNER'S HISTORY OF THE UNITED STATES,"
"ACTIVE CITIZENSHIP"

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INTRODUCTION TO AMERICAN HISTORY

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PREFACE

It is not possible for a pupil to take up the study of American history intelligently without first knowing something of our European background. Events and conditions in Europe shed an important light upon the history of America. The early history of the New World finds its immediate background in the Old. This little book is intended to furnish that background. By making use of it the pupil will be able to take up, in a more satisfactory way than would otherwise be possible, the formal study of American history in the next grade. It may seem strange at first thought that an introduction to American history should extend so far back into the history of the Old World, but the fact is that the roots of our history strike far back into European soil.

The book fulfills the requirements of the Committee of Eight of the American Historical Association and also presents an introductory chapter on "The Dawn of History" as well as some other additional and valuable material. If it is desired to adhere strictly to the recommendations of the Committee of Eight, these parts may be omitted. We believe, however, that a study of them will add very greatly to the effectiveness of the course. Considerable progress has been made in the writing and teaching of history since the Committee of Eight made its notable report.

This new edition has been reset from beginning to end. The authors have availed themselves of the opportunity to review critically every line of the text in the light of the advances recently made in historical knowledge and in the

teaching of history in the grades. Three new chapters have been added at the close of the book.

The authors have been aided in the preparation of the "Questions and Suggestions to the Pupil" by Miss Mary Kerr of Bloomington, Indiana, an experienced director of history teaching in the lower grades. Miss Kerr read the entire text and made helpful suggestions to promote the practical use of the book in teaching. She supplied a large part of the "Questions and Suggestions" at the chapter endings from her practical experiences.

Acknowledgments are due for the following pictures in the book: to The Commercial Museum, Philadelphia, for "Model of a Phoenician Vessel"; to the Encyclopaedia Britannica Corporation, New York, for "Xerxes Watching the Battle of Salamis" and "Phidias Building the Parthenon"; to the Mentor Association, New York, for "Coronado on the March," "Magellan Landing at the Philippines" and "Cartier at Montreal"; and to Mr. G. A. Reid, Toronto, for "The Coming of the White Man."

James Albert Woodburn
Thomas Francis Moran

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INTRODUCTION TO AMERICAN HISTORY

CHAPTER I

THE DAWN OF HISTORY

America "The New Part." In thinking about the United States of America we should always bear in mind that our country is a part of the "New World." Before Columbus made his famous voyage of discovery in 1492, the great American continents, stretching almost from pole to pole, were unknown. No one had dreamed of the existence of this great body of land. Parts of Europe, Asia, and Africa had been known for centuries and these three parts are now called the "Old World."

The naming of this "New Part" took place in 1507. It came about in this way. Martin Waldseemüller, a German college professor, in writing the introduction to a geography, suggested that the newly discovered continent be named America in honor of Americus Vespucius, to whom he gave the credit of discovering it. He spoke of the continent as the "new" or "fourth part" of the globe; Europe, Asia and Africa being the other three.

Now in thinking about this "new" or "fourth part" of the world, we should remember that the history of the New World is based upon that of the Old. The men who built homes and founded colonies in the New World came from various parts of the Old, more particularly from Europe. And they brought with them their tools and

machines, as well as their knowledge of art and agriculture, of government and religion, of science and invention. The history of the Old World was thus carried over and continued in the New. *The American colonist in his new home did not begin all over again. His history in the New World begins where it left off in the Old.* This same thing would occur at the present time if a group of your neighbors and friends should emigrate and make homes in some new land. They would carry with them certain parts of their civilization and we are going to learn that the American colonists did likewise.

RAMESES AND HIS LIONS

Rameses, the great Egyptian king and conqueror, lived about 1350 B.C. He is represented here in a great triumphal procession with his lions at his side.

The Roots of American History. Since the roots of American history extend back into the soil of the Old World, we should know something of the history of this Old World if we would understand the history of our own

EGYPTIAN ARCHITECTURE

The art of ancient Egypt was massive but not particularly beautiful. The buildings were substantial and sometimes rather graceful but the statues of men and animals were stiff and not lifelike.

country. We should know in a general way what men did and learned and thought, before America was discovered in 1492.

The Cradle of Our Civilization. The history of the world begins with the people of the Far East or the Orient, as it is called. The cradle of the world's civilization was in the valleys of the Nile and Euphrates Rivers, two of the most wonderful and interesting river valleys in the world. Here history begins with the Egyptians and Chaldeans. Let us glance for a moment at the early achievements of these eastern nations.

The Egyptians. There was a very good reason why an early civilization should spring up on the banks of the Nile River. The climate was mild and the soil fertile and it was very easy to obtain food and clothing there. One could get a living almost without working at all. Each year when the heavy rains came in the mountains, near the sources of the river, the Nile overflowed its banks and left a layer of fertile mud over all the surrounding country. Grain was scattered broadcast in this rich loam and one of the ancient writers tells us that it was trampled into the ground by cattle, goats and sheep. The result was a bountiful harvest, almost without labor on the part of the farmer. Egypt was called "The Granary of the Mediterranean World" and often furnished food to other peoples besides her own. You will recall the story of Joseph and the other sons of Jacob who went into Egypt to purchase corn when famine had stricken their own land.

Grain, however, was not the only crop raised by the early Egyptian. In his garden he had peas, beans, radishes, lettuce, cucumbers, and onions. In his vine-

yard he raised an abundance of grapes from which he made his own wine. He also raised clover for his cattle and flax for his clothing. If you could take a peep into his barnyard, you would see sheep, cows, goats, pigs, ducks, geese, and pigeons, as well as antelopes, gazelles, and storks. Chickens were not known to him and he did not domesticate the horse until a later time. Some of these animals, however, were not much like those to be found now on an American farm. The pig, for example, was very thin and scrawny, more like the wild hogs or "razor-backs" which ranged at one time through our forests.

Since the water for the farmer's fields came all at once, it was necessary for him to store up a part of it for future use, so the Egyptian built reservoirs and canals and irrigated his land in much the same way that some of our Western farmers are doing at the present time. One of these reservoirs was known as Lake Moeris. It was many miles in diameter and was found to be in perfect condition when examined by a Roman engineer, two thousand years after it was built. These old Egyptians made things in a very substantial way.

As it was so easy to make a living, the Egyptian found it possible to turn his attention to other things. He was especially skillful in architecture. His buildings were, as a rule, massive and very durable. The best example of this kind of architecture is the Great Pyramid of Gizeh, which is still standing, though built more than five thousand years ago. This huge structure, the largest in the world, covers thirteen acres of land and is four hundred and eighty-one feet high. It contains more than two million blocks of

stone, some of them weighing more than fifty tons. Its faces were beautifully polished and its joints so nicely fitted together that they could scarcely be seen with the naked eye. Thirty years of the hardest kind of labor

BUILDING THE PYRAMIDS

were required to build this pyramid. The blocks of stone were quarried in the mountains, dragged down to the Nile, and then conveyed on rafts to the site of the pyramid. All this was done by hand. The horse was not in use among the Egyptians and hoisting machinery was apparently not known. These pyramids were the tombs of the kings.

Upon his private dwelling, however, the Egyptian did not spend very much time or labor. He lived in a rude house, consisting of a wooden frame covered with clay, dried in the sun. These houses were very perishable. But the Temple of Karnak, one fourth of a mile long, still exists as a splendid and impressive ruin after enduring the storms of thousands of years.

THE "HALL OF COLUMNS," TEMPLE OF KARNAK

Only the ruins remain now of this wonderful structure. The picture shows how it must have looked in the days of Egypt's greatness. These gigantic columns were built entirely by hand and decorated with curious pictures and writing. It must have taken the labor of thousands of men for many years.

In science, for a beginner, the Egyptian did wonderful things. The flood washed away his boundary lines each year; hence he had need of geometry and surveying in order to fix the line fences. The clear climate and the level plains were favorable to a study of the heavens; hence, he made advances in astronomy. He calculated the length of the year to be nearly three hundred sixty-five and one fourth days and divided it into months, thus making the calendar which, with a few minor corrections, we use to-day. He foretold eclipses, knew the points of the compass, used the decimal system, invented a good system of weights and measures, and measured time by

means of the sun-dial and the water-clock. In arithmetic he used figures as high as millions, and in constructing his buildings, he used the principles of the arch, the lever, and the inclined plane.

When we review the civilization of ancient Egypt we are almost tempted to say that there is "nothing new under the sun." Egypt certainly made a good beginning and we should remember that the Nile River was at the foundation of her prosperity. An old Greek writer called Egypt, "the gift of the Nile," and certainly the Nile River largely made Egypt what she was.

The Chaldeans. The little tongue of land between the Tigris and Euphrates Rivers was occupied in very ancient times by another important people, the Chaldeans, or the Babylonians, as they are sometimes called. This is one of the most famous little strips of land in the world. It has been called, "the graveyard of empires and nations," because so many different peoples lived and died on the little peninsula.

The civilization of Chaldea was much like that of Egypt. The life of the people in old Chaldea was based upon her two great rivers in much the same way that the life of the Egyptians was based upon the Nile.

Agriculture was the principal occupation and the land was made exceptionally fertile by irrigation from the rivers. In fact, the crops were so marvelously large that the old Greek historian, Herodotus, who traveled in Chaldea, said that he was afraid to tell the whole truth about them for fear people would not believe him; and Herodotus, as you will find out later, did not hesitate to tell some pretty big stories about what he saw.

20
30
40
50
60
ASIA MINOR
CASPIAN SEA
MEDITERRANEAN SEA
CYPRUS
SYRIA
Nineveh
Tigris
Euphrates
Sidon
Lebanon Mts.
Tyre
Damascus
Jerusalem
PALESTINE
Babylon
Susa
R.
CHALDEA
Gizeh
Memphis
Nile River
Little Oasis
EGYPT
Mt. Sinai
ARABIA
PERSIA
PERSIAN GULF
Great Oasis
Thebes
1st Cataract
2nd Cataract
3rd Cataract
RED SEA
THE EARLY
ORIENTAL WORLD
SCALE OF MILES
0 100 200 300 400 500
L.L. POATES CO., N.Y.

Brick-making, next to agriculture, was the most important industry. The Chaldeans, unlike the Egyptians, did not have stone for their buildings and used brick almost entirely. These bricks were made from clay which was very easy to get in this country. Some of the bricks were dried in the sun, and others baked in kilns. On the whole, they made rather poor building material, and yet the Chaldeans built some notable buildings from them. The Tower Temple, for example, rose in the shape of a pyramid, story after story, above the plain and was used as a temple for religious worship and as an observatory for studying the stars, as well.

From these rude bricks were also made the famous elevated gardens, in imitation of mountain scenery. The most noted of these were the "Hanging Gardens," built by the King Nebuchadnezzar for the pleasure of his queen, who formerly lived in the Median mountains and hungered for mountain scenery. These famous gardens were considered, as you know, one of the "Seven wonders of the world."

In science, the Chaldeans were as far advanced as the Egyptians and in some respects, more so. They were also exceedingly practical in making use of their scientific knowledge. They invented the potter's wheel and used the arch in the construction of aqueducts. They knew the use of the lever and pulley and devised a good system of weights and measures. They divided time into years, months, weeks, days, hours, minutes and seconds and measured it by the sun-dial in the day time and by the water-clock at night. They predicted eclipses, made maps of the heavens, and marked out the course of the sun. This was not a simple thing to do. Would you think it an

easy task to go out into the night and study the stars without teachers, and even without books, or instruments, except those of the simplest and rudest kind? Of course, some of this was a very crude kind of astronomy, and had to do with fortune-telling by means of the stars, but we should

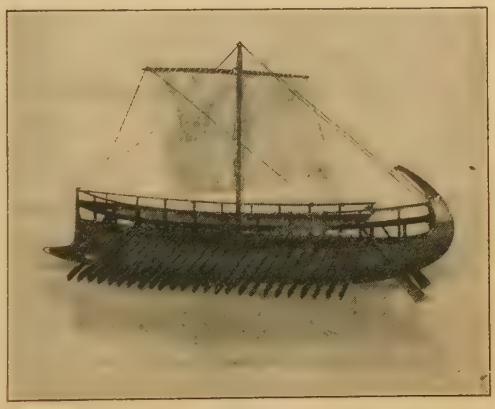
THE HANGING GARDENS OF BABYLON

remember that even the English people attempted to tell fortunes by the stars as late as the time of Queen Elizabeth, in the sixteenth century.

Egypt and Chaldea, then, as the "twin sources of the

world's culture" made many notable contributions to civilization which we in America are making use of at the present time. When we get our first glimpse of these people away back in ancient times we discover that they were not barbarians by any means.

The Phoenicians. These two nations, however, are not the only ones that were prominent in the dawn of history. The Phoenicians were also important. They lived on the narrow strip of territory, one hundred and fifty miles long and ten to fifteen miles wide, at the eastern end of the Mediterranean Sea (see map facing p. 8). Here with their backs to the Lebanon mountains and their faces towards the sea, they came, naturally enough, at a very early time to be seafaring men. They were the *sailors*, *traders*, and *colonizers* of the ancient oriental world. As early as 1500 B.C., the Mediterranean was dotted with their ships — small open boats propelled by oars and sails. They almost had a monopoly of the sea. The north star was called the "Phoenicians' Star," because it guided the course of the Phoenicians' boats. At that time the mariner's compass which is used



MODEL OF A PHOENICIAN SHIP

These swift and trim little boats were the first carriers of commerce on the Mediterranean Sea. They were propelled by sails and oars and weathered many fierce gales.

on all ships now-a-days was not known. In these frail vessels the Phoenicians traversed every part of the Mediterranean Sea and even ventured out at times into the Atlantic Ocean. In their trading journeys by land and sea they brought amber from the Baltic, tin from Britain, and ostrich feathers from Ethiopia.

Some of the products of Phoenicia were famous the world over. The cedars of Lebanon, for example, furnished excellent ship timber and made the tallest and the straighest masts; the glass of Sidon, beautifully colored, cut and polished, was eagerly sought everywhere; and the purple dye, made from a snail or shellfish found near Tyre, was used to color the robes of kings and queens.

The Phoenicians also took large contracts from neighboring peoples. They built ships and rented or sold them; they made a voyage around Africa for the Egyptians; they built the bridges across the Hellespont over which an army of a million Persians invaded Greece; and they furnished some of the material and did a large part of the finer work on Solomon's Temple in Jerusalem.

The greatest importance of the Phoenicians, however, does not lie in what they made or in what they found out for themselves. The most important thing they did was to take the inventions and ideas of other peoples and spread them far and wide. For this reason they have been called "the missionaries of civilization." For example, they obtained the alphabet, probably from the Egyptians, and, having made some improvements upon it, gave it to the Greeks; the Greeks gave it to the Romans and the Romans handed it down to the Germans and other peoples of modern Europe. Thus, the Phoenician

alphabet with its twenty-two characters is the basis of the alphabet which we are using to-day.

The Hebrews. The Hebrews were also an interesting

BUILDING SOLOMON'S TEMPLE

The Temple at Jerusalem was one of the most famous buildings in the world. It was built by King Solomon with the assistance of skilled workmen from Phoenicia. The Phoenicians also furnished some of the building material.

and important people in this early time. They were mostly shepherds and therefore different from the three peoples already described. While the civilization of Egypt and Chaldea was based on their great rivers and

that of Phoenicia upon the sea, the foundation of Hebrew civilization was religion. The Hebrews did very little to advance the material civilization of the world. They were not "mighty builders," like the Egyptians, or great traders like the Phoenicians; they were not famous in science or art, or invention, but they have the proud distinction of being *the great moral and religious teachers of the world.* Nations before them had religions of various kinds but the Hebrews were the first to worship *one supreme God.* This constituted a purer and more elevating form of religion than any other.

After a time the religion of the Hebrews developed into Christianity and thus became the religion of a large part of the people of the world. The Hebrews also gave us the Ten Commandments, "the noblest brief collection of the laws of right living that has come down from the ancient world." When we consider the writings of the Hebrews and their religious influence upon the civilized world, we must give to this nation a high place among the historic peoples of ancient times.

The country which the Hebrews occupied was known as Palestine and lay south of Phoenicia (see map facing p. 4). It was a small country, only one hundred and fifty miles long and one hundred miles wide — a mere dot on the face of the globe — and yet within these narrow bounds great things were done by such Hebrew kings as Saul, "the mighty man of valor," David, "the sweet singer of Israel," and Solomon, proverbial for his wisdom. And still greater things were done by the Hebrew prophets and teachers. Interesting stories of these great men are to be found in the Old Testament.

The Persians. And now a word about another eastern people — the Persians. These were also quite different from the other peoples already mentioned. They did not seem to care much for art or literature. Their architecture was rather poor and they did not do much in science. They were, however, noted in another direction. They

THE PERSIAN EMPIRE

were famous as *soldiers* and *governors*. They were the *empire builders* of their day. Persia was at first a small district of country lying near the Persian Gulf (see map facing p. 8). But under its famous kings, Cyrus, Cambyses, and Darius, it expanded into a great empire, extending from the Indus River on the east to the Aegean Sea on the west — a distance of more than three thousand miles.

It was from five hundred to fifteen hundred miles in width and had a population of seventy-five million — nearly three fourths as many people as there are in the United States to-day. If it could be moved to the westward, the Persian Empire would cover more than one half of the map of Europe. It embraced all of the known world except India and China on the east and Greece and Carthage on the west. The Persians, then, were the conquerors, rulers, and governors — the Romans of their day.

We are not inclined in these days to praise a conqueror who takes possession of the country of a weaker nation, but it should be said in favor of these Persians that they united the East under a much better form of government than it had ever known before. The tribes which had been warring with each other for centuries were compelled to live together in peace and harmony under Persian rule for two hundred years. With this period of peace came prosperity and advancement in civilization.

The Persians also did many things to bind together their vast empire. They made good roads — better than were ever built before. The most famous of these was the Royal Road, extending from Susa to Sardis, a distance of fifteen hundred miles. Along this famous highway there traveled great crowds of people, representing scores of surrounding tribes. Some of these people rode on tireless Bokhara ponies, or horses, while others trudged along with donkeys or camels, laden with goods for some distant market. Government messengers, mounted on swift Arabian horses, often made the fifteen hundred miles, which is nearly half of the width of the United States, in six days. Ordinarily it took about three months to make the journey.

An old Greek traveler marveled at the speed with which the royal messengers, changing horses and men at short intervals, could carry the mail. He thought it very remarkable that they never stopped for wind, rain, or the darkness of night. What would he say if he could see a present-day mail train like "The Twentieth Century Limited," flying from New York to Chicago, a thousand miles, in twenty hours? This train stops for neither rain nor darkness.

In this brief account of these Eastern peoples, among whom was the "cradle of our civilization," we can see how far back in the history of the world are the roots of the American life of to-day. Although these five empires and nations declined and fell centuries ago, many of their achievements are still in existence. The architecture of the Egyptians, the agriculture and industries of the Chaldeans, the commercial genius of the Phoenicians, the religion of the Hebrews and the military and governing skill of the Persians, — all have lent aid to us in the United States. They "lit the torch" of civilization, and passed it on to the nations farther west. Europe now becomes the scene of action. After these eastern nations had passed away, Greece became the center of the world's civilization to the study of which we shall now turn.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. What we know of the history of Egypt goes back four thousand years before Christ. It has been nearly two thousand years since Christ lived, making about six thousand years of recorded history. Represent on the blackboard these six thousand years by a line, allowing one inch to each century.

2. Mark off the time since the birth of Christ. Call that part of the line to the left B.C. (Before Christ), the part to the right A.D. (Anno Domini, or in the Year of our Lord, meaning since Christ was born).

3. Mark off on the line the part covered since the "New World" was known as such.

4. The United States as a nation is only one hundred and fifty years old. Mark off on the line the part covered by United States history.

Now study your line carefully to see what it shows.

5. Tell at least one thing for which we are indebted to each of the five early nations mentioned in this chapter. Show the connection, if you can, between their daily life and ours. Think carefully.

6. What is meant by "The Cradle of Civilization" and "The Missionaries of Civilization"?

7. Why is road-building such an important enterprise to-day?

PRONOUNCING LIST

Aegean. ē-jē′ăn
Americus Vespucius. ä-mĕr′ĭ-cŭs vĕs-pū′shĭ-ŭs
Bokhara. bō-kä′rä
Cambyses. kăm-bī′sēz
Chaldea. kăl-dē′*a*
Cyrus. sī′rŭs
Darius. dȧ-rī′ŭs
Ethiopia. ē′thĕ-ō′pĭ-*a*
Euphrates. ū-frā′tēz
Gizeh. gē′zĕ
Hellespont. hĕl′les-pŏnt
Herodotus. hē-rŏd′ō-tŭs
Israel. ĭz′rā-ĕl
Karnak. kär′năk
Lebanon. lĕb′*a*-nŏn
Nebuchadnezzar. nĕb′ū-kăd-nĕz′ȧr
Palestine. păl′ĕs-tīn
Phoenicia. fē-nĭsh′ĭ-*a*
Susa. sōō′sȧ
Sardis. sär′dĭs
Tigris. tī′grĭs
Waldseemüller. vält′zā-mül′ĕr

CHAPTER II

THE RISE OF THE GREEKS

"*Our laws, our literature, our religion, our art, have their roots in Greece.*" — SHELLEY.

While the Persians were welding together a great empire in the East, the most interesting and most important nation of the ancient world was growing up in Greece and the surrounding islands. Here was the first home of culture in Europe.

Greece, "The Heir of the Orient." Greece has been called the "heir of the Orient"; this means that Greece inherited the civilization of the eastern nations. She developed it to a still higher degree of perfection. Greece

Greece in Ancient Times

is a peninsula jutting out into the sea. She thus came into contact with Phoenician commerce and other currents of civilization coming from the East. The journey from Phoenicia to Greece was both short and easy. It was not difficult for sailors, even without the use of the mariner's compass, to find their way from island to island and

finally to the mainland of Greece. For this reason, the islands of the Aegean Sea have often been called "stepping stones." Greece thus faced the Orient and was the first European country to profit by the civilization of the East. She was the first to extend "welcoming hands to the bearers of the world's best gifts."

But the Greeks had also developed a most beautiful civilization of their own. They were not mere imitators. They were a bright, alert and quick people. They had good minds and lively imaginations and they lived in one of the most beautiful countries of the world. The sea, the rivers, the mountains and the lakes, combined with a transparent atmosphere and temperate climate to make living in Greece pleasant and even joyful. And so on Greek soil there grew up a freer and better civilization than any which had existed in the East. There was, as we shall see later, a greater freedom in religion, art, government, and modes of living than the oriental nations ever saw. It is for this reason that the people of to-day admire Greek civilization so much and have profited so largely by it.

A Greek Warrior

Patriotism and Public Spirit. In the first place, we admire the Greeks for their fine patriotism and unselfish public spirit. The Greek was always ready to fight for his country and to sacrifice himself, if necessary, for the public welfare. We admire any man who has good principles and high ideals

and is ready to fight for them when necessary. This the Greek did.

The Wars with the Persians. There is abundant evidence of this patriotism and public spirit in the wars which the Greeks waged against the Persians. When a nation is victorious in arms and has had a taste of conquest, it is very difficult for it to stop fighting. After the Persians had conquered everybody in the East, they cast their eyes towards the West and fastened them upon Greece.

Now, when one nation wishes to make war upon another, it is usually easy enough to find a cause for doing so. The Persian War began in this way. When the Persians were subduing Greek cities in Asia Minor, some years before, the Greeks of Athens — the Athenians — sent assistance to their kinsmen. The result was the looting and burning of Sardis, the Persian capital. King Darius was terribly angry and it is said that he appointed a herald to cry out to him three times each day, "Sire, Remember the Athenians." And he did remember the Athenians.

The First Invasion (492 B.C.). He gathered together a large army and fleet and sent them against Greece. They accomplished nothing, however, as the vessels were dashed to splinters in a terrific storm off Mount Athos. Darius began his preparations anew. Before starting out a second time, however, he sent messengers to the Greek cities asking them for "earth and water" in token of their submission to the power of Persia. The messengers received their earth and water from the Greeks in this way: they were cast into a pit at Athens and into a well at Sparta and told to help themselves to all the earth and

water they wanted. The Persian king was insulted by this, of course, and so the fight was on.

The Second Invasion (490 B.C.). The fleet and army went directly to Greece and the army was landed on the Plain of Marathon, near Mount Pentelicus and some twenty or twenty-five miles from Athens. Here, the Athenians went out to meet them and to engage them almost single-handed. Sparta had promised to give assistance and when the Persian hosts were sighted, Phidippides, a swift Athenian runner, was sent to that city over one hundred and fifty miles of rugged road to notify the Spartans to hasten to the scene of the battle. The Spartans, however, declined to come, saying that it was against their law to start out upon a military expedition before the full of the moon. This probably was not the real reason for their refusal. It is likely that they were not particularly anxious to help the Athenians, their old rivals, out of a tight place.

The Athenians, therefore, with about ten thousand men, were compelled to face the victorious Persians, with five or possibly ten times that number.

The Battle of Marathon (490 B.C.). The Greek hearts were strong, however, and Miltiades, their leader, used splendid strategy. He marched his men out boldly and rapidly to encounter the enemy. When about an arrow's flight distant from the Persian ranks, the Greeks broke into a run and were upon the enemy in an instant. The Persians were surprised and confused and their arrows had little effect upon the heavy armor of the Greeks. The long spears of the Greeks, on the other hand, played havoc with the Persians. The battle was soon over, and six

thousand four hundred Persians lay dead upon the field. Only one hundred ninety-two Greeks were killed. Again Phidippides, although weary from fighting in the battle

Battle of Marathon

and possibly not yet wholly recovered from his long run to Sparta, was sent to convey the news to Athens, twenty-two miles away. He raced over the rough roads of the mountains, entered the city, and after shouting, "Ours is the victory," fell dead in his tracks.

The Third Invasion (480 B.C.). Beaten, the Persians sailed away to their home in Asia, only to return again

ten years later. In the meantime, the great King Dariu had died and was succeeded by his son, Xerxes, a vai braggart with far less ability than his father. Kin Xerxes called together a council of the nobles and said t them, in a boasting way: "I propose to bridge the Helles pont and march through Europe and set fire to Athens fo burning Sardis. By reducing Attica and Greece, the sk will be the only boundary of Persia." He determined t hurl the whole strength of the great Persian Empire against Greece, and spent four years in active preparation for the expedition. He collected an army of probably five hundred thousand men and a fleet of twelve hundred ships. Mindful of the disaster off Mount Athos, he caused a canal t be cut across the isthmus at this point for the passage o his ships. This took three years. Now, with his motley horde, gathered together from forty-six different tribes and nations, he was ready to advance. Side by side with his well-disciplined Persians were the dark-skinned Ethiopians, clad in the hides of beasts, and savages from Central Asia.

To transport this huge throng from Asia to Europe was no easy task. He caused pontoon bridges to be constructed across the Hellespont — bridges of boats lashed together with planks. The rough sea broke the first of these bridges, whereupon Xerxes flew into a rage and caused the Hellespont to be flogged on account of its naughtiness. Shortly after, the troops passed in safety to the other side, with the Hellespont apparently on its good behavior.

The Battle of Thermopylae. The outlook for the Greeks was gloomy enough, but they met the attack like men. This time the Spartans led and their King Leonidas, with

three hundred Spartans and a few thousand allies, met the advancing Persian host at Thermopylae. Here, the Persians attempted to enter central Greece through a narrow pass, twenty feet wide, which separated the mountains from the sea. Leonidas and his brave men disputed the passage and the battle raged for three days. The whole Persian army could not dislodge the stubborn Greeks in the narrow pass. Xerxes charged the pass time after time only to be repulsed. He even sent the flower of his army, the "Ten Thousand Immortals," against Leonidas, but all in vain. Finally, a traitor showed the Persians a secret path by which they crossed the mountains and attacked the Greeks in the rear. Leonidas, seeing that the day was lost, permitted his allies to seek safety in flight, but he and his noble three hundred stood their ground and fought until not one of them was left alive. A short time after the war, a monument was placed upon the hillock where these brave men made their last stand and this inscription was carved upon it: "Stranger, go and tell the Spartans that we lie here, having obeyed their word." Leonidas and his Spartans were defeated at Thermopylae in one sense, but in another they won a brilliant victory. The Spartan law would not permit retreat and Leonidas and his men, preferring death to dishonor, sacrificed themselves upon the altar of duty — 'examples for all time of courage and patriotic devotion."

The Athenians Flee to the "Wooden Walls." Athens, and in fact all of Greece, was now at the mercy of the Persian conquerors. Xerxes bore down upon Athens, bent upon taking his revenge. What should the Athenians do? Where should they turn? The priestess, presiding

over the Oracle at Delphi, who was supposed to foretell future events, had prophesied that the Athenians would find safety behind "wooden walls." Some, therefore, wished to hide behind the wooden palisades of a fortified hill called the Acropolis, and others to flee to the forests; but Themistocles, a wise and able leader, persuaded them that the "wooden walls" meant the *sides of the ships*. Accordingly, Athens was deserted and more than two hundred thousand people were carried in ships to Salamis and other islands in the vicinity. Xerxes and his army then proceeded to pillage and to destroy the abandoned city.

The Sea-Fight at Salamis. The Greek fighting men, in the meantime, had gone on board their ships and were waiting an opportunity to attack the Persian fleet. The Greeks had nearly four hundred ships and the Persians twice as many. The ships, you know, were propelled by oars. Themistocles saw that it would be to his advantage to fight the battle in a narrow place where all of the Persian ships could not be used at one time. So he managed to bring on the attack in the narrow strait which separates the island of Salamis from the mainland.

In addition to the immense size of the squadron, Xerxes had famous sailors from among the Phoenicians and Egyptians. He was, therefore, supremely confident of victory; and, in order that he might enjoy the battle to the fullest extent, he caused a golden throne to be built on the hillside from which he could view the spectacle. But it is probable that the great king did not especially enjoy the entertainment. The battle lasted from morning until night and the Persian fleet was utterly routed and one half of it destroyed. The victorious Athenians then returned to

their plundered city and repaired the damage done by the invaders. The poet, Byron, who was always an ardent

Battle of Salamis

admirer of Greek life and character, wrote the following lines about this great sea fight:

"A King sat on the rocky brow
Which looks o'er sea-born Salamis;
And ships by thousands lay below,
And men in nations, — all were his.
He counted them at break of day,
And when the sun set, where were they?"

Final Defeat for the Persians. One more battle and the Persian Wars were over. The stubborn valor of the Spartans and the brilliant, dashing skill of the Athenians routed another immense Persian army near Plataea, in Central Greece. It is said that out of two hundred and

XERXES WATCHING THE BATTLE OF SALAMIS

sixty thousand Persians engaged in this battle, only three thousand got back to their homes in Asia. The Greeks lost about one hundred and fifty men. The war was over. The small flying remnant of the Persians was glad enough to escape to Asia, and no Persian army ever again invaded Greece.

The Real Result of the Persian Wars. Now, what did this victory mean? It meant much to Greece, of course, but vastly more to the civilized world, and it means much to us. In a word, it meant that the free and elevating

civilization of Greece was to dominate Europe, instead of the narrow and oppressive spirit of Persia. Two different kinds of civilization were contending at Marathon and the better kind fortunately prevailed. We in America are now following Greek rather than Persian ideals.

The victory also made Greece a world power and gave her confidence in her own strength and character. It also inspired her to great things in art and literature during the "Golden Age" of Greek history, which you will read about in a later chapter. In short, the Greeks and, more particularly, the Athenians *found themselves* during the wars with Persia. As one of their historians said at a later time: "The Athenians are the only people who succeed to the full extent of their hope, because they throw themselves without reserve into whatever they resolve to do." Every educated Greek felt that he was a useful and necessary part of the state.

When the Athenian boys became eighteen years of age they took the following oath:

"We will never bring disgrace to this, our City, by any act of dishonesty or cowardice, nor ever desert our suffering comrades in the ranks. We will fight for the ideals and sacred things of the City, both alone and with many; we will revere and obey the City's laws, and do our best to incite a like respect and reverence in those above us who are prone to annul or to set them at naught; we will strive unceasingly to quicken the public's sense of civic duty. Thus in all these ways we will transmit this City not only not less but greater, better and more beautiful than it was transmitted to us."

This oath of citizenship, taken by the young men of

Athens, cannot be repeated too often and should be known by heart by every American citizen of to-day.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Compare Greece with Egypt as to industries and character of people. Compare Greece with Chaldea.
2. Why did you want the Greeks to win in the struggle with Persia?
3. How do you account for the success of the Greeks?
4. What does the map in this chapter show you?
5. What is a Marathon Race? What are the Olympic Games?

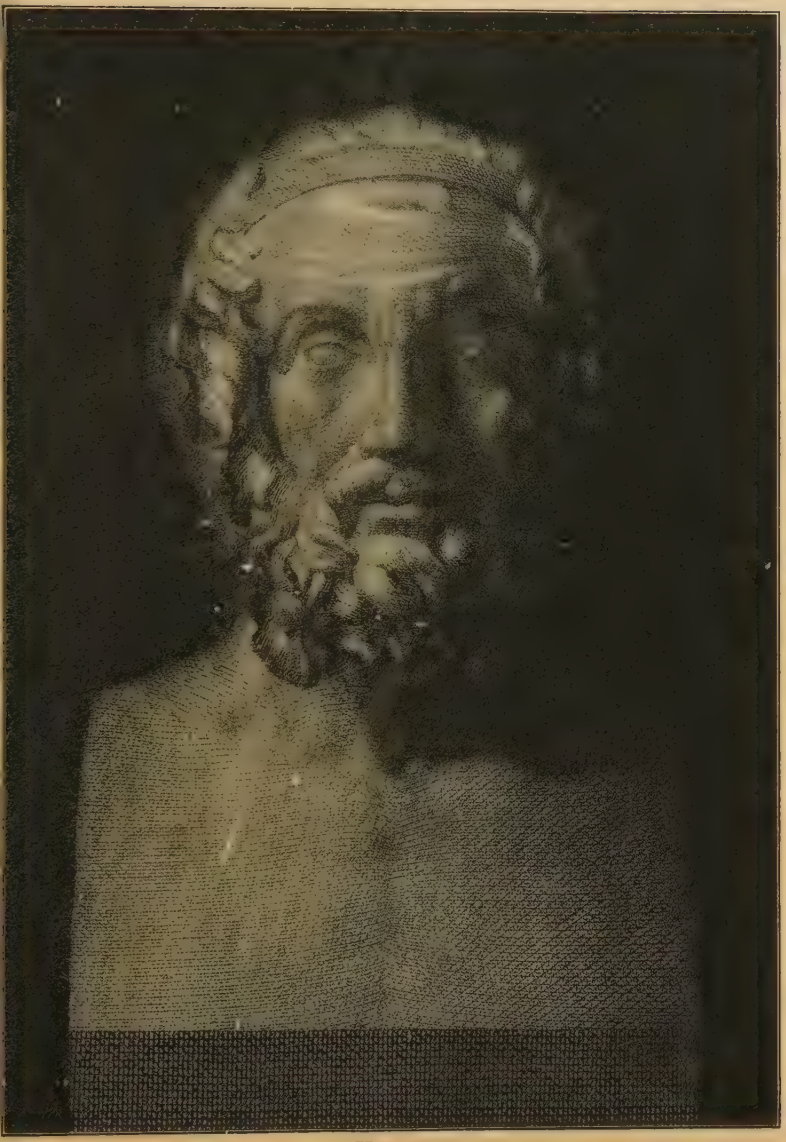
PRONOUNCING LIST

Acropolis. *ȧ*-krŏp′ō-lĭs
Athens. ăth′ĕnz
Athos. ăth′ŏs
Attica. ăt′ĭ-k*ȧ*
Leonidas. lē-ŏn′ĭ-d*ȧs*
Marathon. măr′*ȧ*-thŏn
Miltiades. mĭl-tī′*ȧ*-dēz
Pentelicus. pĕn-tĕl′ĭ-kŭs
Phidippides. fī-dĭp′ĭ-dēz
Plataea. pl*ȧ*-tē′*ȧ*
Salamis. săl′*ȧ*-mĭs
Sparta. spär′t*ȧ*
Themistocles. thē-mĭs′tō-klēz
Thermopylae. thēr-mŏp′ĭ-lē
Xerxes. zûrk′zēz

CHAPTER III

THE GREEKS AS WRITERS

The Greeks won many laurels on the battle-field, but they won still greater victories in the field of literature. There are some immortal names in the list of Greek writers. Homer's is one of these. He made poems about the siege of Troy. Do you remember the story? The son of Priam, king of Troy, came to Greece, once upon a time, and carried away Helen, the wife of Menelaus, king of Sparta. Helen was the most beautiful woman in all Greece and was greatly beloved by her people. The Greeks, therefore, looked upon this act as a national insult



HOMER

and gathered together from all quarters to recover Helen and to punish the Trojans. They were a famous body of men. Agamemnon, "the king of men," and brother of Menelaus, was in supreme command. The terrible Achilles, the most powerful single-handed fighter among the Greeks, was also there, and so was Odysseus, the most cunning, shrewd, and crafty of them all. They assaulted the walls of Troy for ten years without avail, and finally captured the city by means of the famous stratagem of the "wooden horse."

Homer's Iliad and Odyssey. The poems of Homer are the "Iliad" and the "Odyssey." The Iliad tells the story of the last part of the ten years' siege of Troy and portrays the terrible wrath of Achilles against his chief, Agamemnon. The Odyssey tells of the wandering and adventures of Odysseus, or Ulysses, as he is sometimes called, while on his way back from Troy to his home in the island of Ithaca. He had many mishaps. On one occasion, he and his men were driven by a storm upon a land where the Cyclops dwelt. These Cyclops were a race of savage giants with one eye in the center of the forehead. Their king was the terrible man-eating Polyphemus. When he discovered the ship-wrecked strangers within his domain, he took them home with him to his cave in the hillside. In this cave he also kept his sheep. Polyphemus was a cannibal and immediately set about devouring the comrades of Odysseus. After he had made away with six of them, Odysseus gave him what wine he had left in his sacks and made him drunk. He then destroyed the single eye of the giant, making him totally blind. Odysseus and his companions then tried to ride out of the cave on the

backs of the sheep, but Polyphemus discovered their trick by feeling along the sheep's backs as they went out and threw the men into the cave with a thud. Later they swung themselves under the huge bodies of the sheep and thus rode out of the cave to safety. After getting into the open air, they lost no time in putting out to sea. As they pushed away from the shore, however, they could not resist the temptation of hurling back a derisive shout to old Polyphemus, who stood disconsolate some little distance away. The great giant was so angered by this that he snatched off the top of a nearby mountain and hurled it with tremendous force in the direction from which the voices came; but he threw too far. The huge mass went over the boat and struck in the sea on the other side. The Greeks were awed into silence and the waves from the great mass of earth and stone slowly washed them back to the shore — almost to the very feet of blind Polyphemus. Needless to say Odysseus and his brave men now kept very quiet until Polyphemus had wandered off to care for his sheep.

ULYSSES AND POLYPHEMUS

While the "Iliad" is a story of war, the "Odyssey" is a story of peace, or rather of adventure. Homer apparently gets his hero into trouble in order that he may show his craft and cunning in getting out. And so it goes, year after year. Finally, after twenty years of wandering, Odysseus reaches his home in the disguise of a beggar.

Many old friends fail to recognize him but his faithful dog, Argus, recognizes his master instantly and dies after giving him a most cordial welcome home. His wife, Penelope, was also there to greet him. She had remained faithful to

HOMER CHANTING HIS POEMS

The traveling bard or minstrel sat down by the wayside or on the street corner and recited his odes to the tune of a lyre. People gathered, listened for a time and then went on their way.

him during all these years, although besieged by more than one hundred suitors who told her that the Greeks who had gone to Troy were all dead many years ago.

Although these poems were composed a thousand years before the Christian Era, they are considered by many to be the finest poems ever written. They were not put into

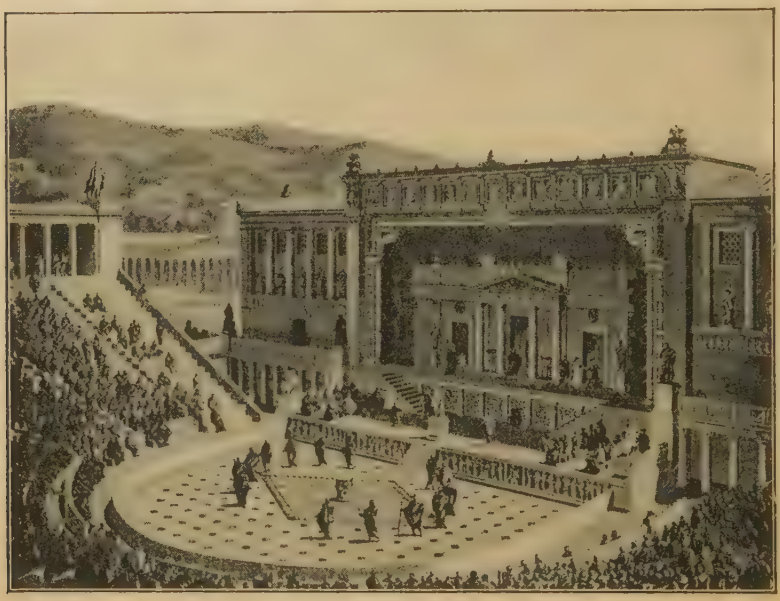
writing for many hundreds of years after their composition. In fact, at the time of Homer, the art of writing was not known to the Greeks. Homer was probably one of the traveling bards or minstrels of the time, who went about reciting poetry at festivals and meetings of various kinds. In this way the poems were handed down for several centuries by word of mouth. After being reduced to writing, they were read by the fireside and studied in the schools. The Greeks often called Homer *"the poet,"* on account of the great esteem in which they held him.

Sophocles. The Greeks had another kind of poetry, known as the dramatic. This was intended to be acted upon the stage. The greatest of the dramatic poets was Sophocles, who was born near Athens about 495 B. C. He lived to be ninety years old and wrote more than one hundred plays. He was always fond of his native town and speaks of it in one of his plays as the place "where the nightingale haunts the green glades, where narcissus and golden crocus bloom, where the springs of clear water never fail." To the Athenians he seemed, "a man loved by the gods," and he was worshiped by them as a hero after his death.

The production of a great play in the city of Athens must have been a very beautiful and inspiring spectacle. The theater was semi-circular in shape with seats cut into the solid rock of the hillside. It was open to the sky and had no scenery aside from the rugged mountains and the blue sea. In this vast arena, thirty thousand people often sat from morning until night, listening to the sublime lines of the old Greek tragedies, and often moved to tears. Pericles, one of the wisest rulers of Athens, gave the people

free admission to the theater, because he looked upon it as a means of education, rather than of entertainment.

In the United States we have several theaters built upon the Greek plan though not quite so large. There is one



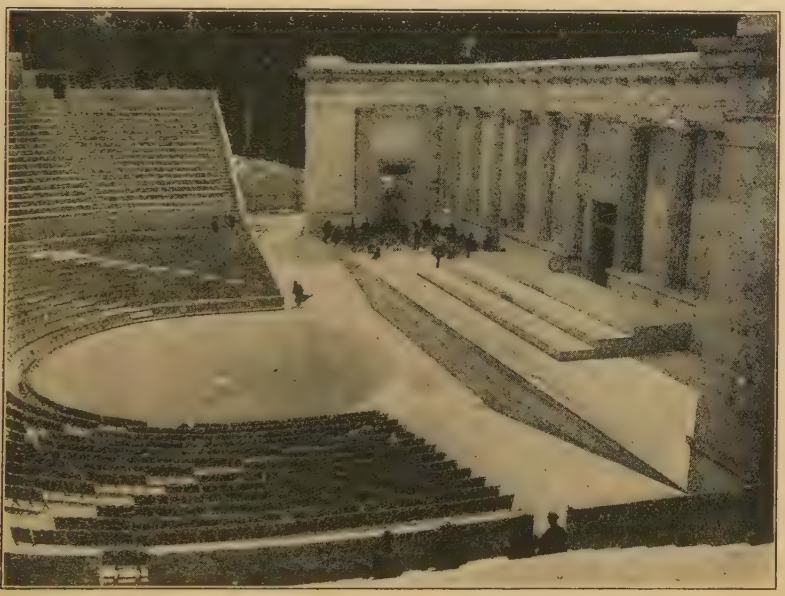
THE THEATER OF DIONYSUS AT ATHENS

The famous theater is here represented in its best days with the audience upon the benches and the actors on the stage. The mountains are plainly visible in the distance through the clear, pure air.

at the University of California, another at the University of the City of New York. There are also others.

Prose Writers: Herodotus. Let us now turn for a moment to the prose writers. The first great writer of Greek prose was Herodotus, known as "the father of history." He was a Greek of Asia Minor, born in 484 B.C. which was nearly two thousand years before America,

or the "New Part" of the world, was discovered. He was an intimate friend of the dramatic poet, Sophocles. His main work is a history of the Persian Wars. From this history we gather almost all that we know about these



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GREEK THEATER AT UNIVERSITY OF CALIFORNIA

Students of the University of California sit in this theater, as the Athenians did in ancient times, and enjoy plays of various kinds. The uniform climate makes this possible.

great conflicts. Before writing his history, he traveled over almost the entire civilized world, from Babylon to Italy. His book is a book of travel, almost as much as of history. It abounds in anecdotes and stories about people and places and is intensely interesting reading.

Thucydides. The greatest Greek historian, however, was Thucydides, born about 471 B.C. His work is not so gossipy and entertaining as that of Herodotus but it is vastly more reliable and accurate. He tells the story of the great war between Sparta and Athens, usually called the Peloponnesian War, which began in 431 and lasted for twenty-seven years. He gives us a notable description of the plague or "Black Death," which broke out in Athens after the people from the country had crowded within the walls of the city. Another part of his history is the "Funeral Oration," a sort of Memorial Day address delivered by Pericles in honor of those who fell during the first year of the war.

Thucydides was a patriotic and public-spirited Athenian, but he was rather harshly treated by his fellow citizens. In the early part of the war, while he was in command of the fleets, a city was taken which it was thought he should have protected. He was charged with using the fleet to protect his own gold mines instead of the city which fell. It now appears that he was innocent of the charge, yet he was removed from his command. We are not certain that he was banished from Athens, yet he may have been. It is certain that he was absent from his native city for twenty years after this event and that during this time he was traveling and studying preparatory to writing his great history. He was proud of his book when finished and said: "My history has been composed, not as the exploit of an hour, but as a possession of all time." He was right. His history was never more valuable than it is to-day. Many modern historians think it a model of its kind in many respects.

Demosthenes. "Among no other people has public speaking been so important and so effective." There were two reasons for this. In the first place, a man who wished to enter public life was obliged to be a public speaker. Athens was governed by the great assembly which consisted of all male citizens over eighteen years of age. The men who addressed the assembly stood upon a high rock or throne, and thousands listened to them. On the hillsides of rainless Greece the air is so rare that the human voice carries easily for even more than a half mile, making it possible to address thousands of people through the ear as we now address them by our newspapers through the eye. The orator had far more influence in Greece than he has in such modern countries as England and the United States. Man of the present day is influenced by what he reads, probably more than by what he hears.

In the second place, a man in a lawsuit in Athens was compelled to plead his own case. He had to speak for himself. He could not hire a lawyer to do the talking for him, as we do. He could, however, hire the lawyer to write a speech for him to be delivered by himself. This was often done, so that, taking it all in all, the gift of public speaking was more valuable in Greece than in any other country before or since.

Greece had many fine orators, but Demosthenes was by far the greatest of them all. He was also the "greatest master of Greek prose," and some think him the greatest orator the world has ever produced. When a boy, he seemed to have none of the qualifications of the orator or statesman. He was shy and retiring in disposition, his voice was weak, and his body frail and awkward. When

he was quite young, his father, a wealthy manufacturer, died and left a large amount of property, which was promptly stolen by the guardian of the young Demosthenes.

The boy determined then and there to study oratory in order to be able to bring the thief to justice. This he did with marked success, but he had a very hard time in becoming a good public speaker. He worked industriously. He put pebbles in his mouth in order to increase the distinctness of his speech and he practiced before the roaring waves of the sea. In order to improve his style he wrote out the history of Thucydides eight times; and yet notwithstanding all of this, he met defeat after defeat. The Athenian audiences were accustomed to good speaking and were very critical, so they howled him down and he went away in sorrow to mope by the seashore. But he returned later and moved that same audience to anger, to laughter, and to tears.

DEMOSTHENES AT THE SEASIDE

Demosthenes was not only a great orator, but a patriotic statesman, as well. Athens had a free government—a government by the people—and Demosthenes saw that Philip, the king of Macedonia, was attempting to bring all Greece under his despotic sway. He then became the champion of Greek freedom, just as Patrick Henry and

James Otis at a later time became the champions of American freedom. He delivered twelve stirring, scathing and thrilling speeches, known as the "Philippics," in which he exposed the schemes of Philip and urged the Athenians to take the lead in the stand for Greek independence. Athens, he said, was the natural leader of Greece, but she must gain the confidence of the Greeks by being worthy of it. He himself took his place as a common soldier in the ranks in the war that followed.

Although Philip won the battle and gained control of all Greece, the Athenians were not unmindful of the great debt which they owed to Demosthenes, and it was proposed that he be given a golden wreath of honor by the state. A jealous rival, Aeschines, raised a legal objection and the case came to trial. Demosthenes appeared in his own defense. Aeschines had accused him of a desire to become king and to destroy the liberties of Athens. Demosthenes made reply in the greatest speech which he ever delivered —possibly the greatest speech ever delivered by any one. It is called the "Oration on the Crown," and in it he reviewed the acts and motives of his whole life. He won his case. Aeschines was crushed and immediately departed from Athens.

Demosthenes fell a martyr to his lost cause. Some years after the death of Philip, another Macedonian, Antipater, put down a revolt in Greece and demanded that certain Athenian leaders who had opposed his plans be surrendered into his hands. Demosthenes, of course, was one of these. Rather than place himself in the power of the Macedonian king, Demosthenes took his own life by poison. "Had but the strength of thy arm, Demosthenes, equalled thy

spirit," said a man of the time, "never would Greece have sunk under the foreign yoke."

Aristotle. The Greeks had still another kind of prose literature, called philosophy. The term philosophy included all kinds of prose writing with the exception of history and oratory. The greatest Greek philosopher, and one of the greatest thinkers of all time, was Aristotle. He was born about 384 B.C., not far from Mount Athos, where the Persian fleet was destroyed. His father was a physician, and the young lad was sent to Athens for his education. Here he was placed in the school of the eminent teacher and philosopher, Plato. He made such rapid progress that the master called him "the mind of the school."

Aristotle was a cool, calculating thinker and much given to the study of *facts*. He studied almost everything — plants, animals, logic, grammar, physics, mathematics, astronomy, government, history, — and wrote very extensively. He was an ardent seeker after the truth and loved it for its own sake. He used to say, "Plato and truth are both dear to me, but it is a sacred duty to prefer truth."

In his writings on politics, he tells us what, in his opinion, an ideal state ought to be. It should contain, he says, twenty thousand inhabitants, all educated by the state. Each man should be a land-holder of *moderate* means and each one should have a share in the government. The free-man should give his whole time to the government and military affairs, and there should be slaves to do all the ordinary work. He would prohibit the taking of interest for the use of money. It is plain

that Aristotle had many admirable features in his ideal state, but some of them we should object to at the present time.

It is difficult to estimate the influence of a man like Aristotle, but it is certainly true that for hundreds of years his writings dominated the thinking world. The scholars of the Middle Ages looked upon him as an authority and he has influenced modern thought more than any other man of the ancient world. In his writings, he summed up the best thought of all preceding ages and, adding his own contributions to it, he handed it down to later times.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Compare the Greek theaters with ours as to:
   a. Plan of building.
   b. Seating capacity.
   c. Length of play.
   d. Kind of play given.
   e. Size of audience.

2. Why is oratory not so necessary for leadership now as it was in Demosthenes' time? Consider well in answering this question the means of reaching the people now and then. The Greek orator stood upon a high platform, under a clear sky, and reached, with his voice, thousands of people. Have we a better way of reaching the people?

3. Have you ever seen a stadium on a college athletic field? What is its purpose? When did the idea originate?

PRONOUNCING LIST

Achilles. *ȧ*-kĭl′lēz
Aeschines. ĕs′kĭ-nēz
Agamemnon. ăg-ȧ-mĕm′nŏn
Antipater. ăn-tĭp′ȧ-tėr
Aristotle. ăr′ĭs-tŏt″l
Babylon. băb′ĭ-lŏn
Cyclops. sī′klŏps
Demosthenes. dē-mŏs′thē-nēz
Dionysus. dī′ō-nī′*sŭs*
Iliad. ĭl′ĭ-*ăd*
Ithaca. ĭth′*ȧ*-kȧ
Macedonia. măs′ē-dō′nĭ-*ȧ*
Menelaus. mĕn′ē-lā′*ŭs*
Odysseus. ō-dĭs′ūs
Odyssey. ŏd′ĭ-sĭ
Peloponnesian. pĕl′ō-pŏ-nē′shăn
Penelope. pē-nĕl′ō-pē
Pericles. pĕr′ĭ-klēz
Plato. plā′tō
Polyphemus. pŏl′ĭ-fē′*mŭs*
Priam. prī′ăm
Sophocles. sŏf′ō-klēz
Thucydides. thū-sĭd′ĭ-dēz
Ulysses. ū-lĭs′ēz

CHAPTER IV

THE GREEKS AS BUILDERS AND ARTISTS

Although, as you know from reading the last chapter, the books written by the Greeks are very important, the buildings, statues, and paintings which they created are equally important. It has been well said of Greece that

THE ACROPOLIS IN ITS BEST DAYS

"her true service to mankind and her imperishable glory lie in her literature, her philosophy and her art."

The Acropolis. The center of Greek art and architecture was Athens, and the center of Athens was the Acropolis, or the large flat-topped rock upon which the old city was

built, so that it could be easily defended from savage enemies. A stairway of sixty marble steps was later built leading up to the top of this famous rock. Here is to be found in ruins the most beautiful collection of buildings ever constructed. From them we can read again much of the story of the Greeks.

Greek Architecture. The visitor to the Acropolis might see three different kinds or orders of architecture, distinguished from each other by means of the columns which were used. The Doric column is short and stout, without a base and without ornament of any kind. It is the simplest and strongest of the three orders. The Ionic column is more slender and has some ornamentation. It always has two spiral rolls or whorls, as they are called, at the top. The Corinthian column is the most slender and most highly ornamented of all. The capital, or top, is made to represent the leaves of a plant.

The Parthenon. The building which always calls out the greatest admiration of the visitor to Athens is the Parthenon. This temple was probably the most beautiful building ever constructed. It was built of white marble, taken from the quarries of Mount Pentelicus, which were owned by the state. Certain parts of the building were painted in harmonious colors and the faces of the statues were sometimes tinted in a lifelike manner. A large part of the pleasing effect of the building was due to the absence of straight lines. Practically all of the lines were slightly curved. "*There is not in the entire temple a straight line of any considerable length.*" Although the curves are all so slight that in most cases they cannot be detected by the naked eye, they relieve the building of that stiffness

which results from the use of straight lines. The Parthenon illustrates the "chief features of Greek architecture — simplicity, harmony and refinement, the union of strength and beauty."

After gracing the hill-top for more than two thousand years, the Parthenon was wrecked in the seventeenth century. During a war it was used as a powder house,

THE PARTHENON IN THE TIME OF PERICLES

and a shell from the enemy's gun caused an explosion. Parts of it now stand simply as a noble ruin. One can easily see, however, traces of its former beauty and can realize that "it is the most perfect piece of architecture ever created by human hands."

Phidias. The beautifully sculptured decorations of the Parthenon made up a large part of its beauty and it seems very fortunate that the world's greatest sculptor was present in Athens to take charge of the world's most artistic building. Phidias, the greatest sculptor of all time,

PHIDIAS AT WORK ON THE PARTHENON

planned the ornamentation of the Parthenon and did a part of the work with his own hands. The most noted piece of statuary in or about the building was the statue of Athena, placed on the inside. This statue was thirty-four feet in height; its core was made of wood, the visible parts of the body were made of ivory, the hair and draperies of gold, and the eyes of precious stones. It was paid for out of the booty taken by the Athenians at the battle of Salamis. Many of the pieces of statuary taken from the Parthenon after its destruction are now in the British Museum in London.

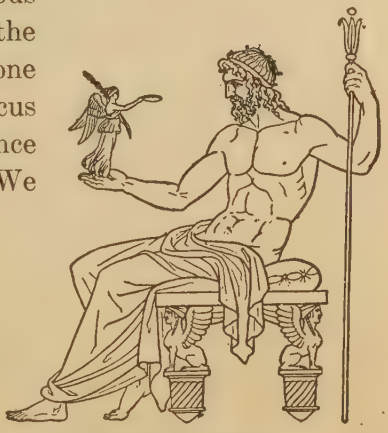
STATUE OF THE GODDESS ATHENA

In her right hand she holds a statue of the Winged Victory, six feet high, and her left rests on a shield.

The masterpiece of Phidias, however, was the colossal statue of the god Zeus, at Olympia. This was of tremendous size and was considered one of the "Seven wonders of the world." The Greeks considered it a calamity to die without seeing it. "See Zeus and die" was a common saying among them.

Statues of Athletes. Greek sculptors were fond of carving statues of athletes and of representing scenes from great athletic contests, like the Olympic games. The Greeks were a well developed race, renowned for grace and manly beauty, and the sculptors liked to reproduce these

traits in marble. One of the best statues of this kind is the Discobolus, or Disc-thrower of Myron. The athlete is represented in the act of summoning all his strength to give the discus a tremendous hurl. The muscles are tense, the body beautifully poised, and one almost expects to see the discus sail through space for a distance of one hundred and fifty feet. We almost wonder why he does not throw.



Statue of Zeus

Zeus was the chief of the Greek gods.

Painting. In painting, the Greeks were not so famous as they were in sculpture, and not many samples of their work have come down to us. Some of the Greek painters, however, had reputations for doing wonderful things. It was said that Zeuxis painted a bunch of grapes which the birds tried to eat, and that Apelles painted a horse which looked so lifelike that real horses saluted it with a neigh.

Ancient Greek Statue of Victory

C/0

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Compare the largest building you know with the Parthenon.
2. Do you know any modern building that resembles the Parthenon? Describe it.
3. Do you know any buildings with Ionic, Doric, or Corinthian columns?
4. Write a letter to an art company asking for illustrated catalogs. You will probably find therein pictures of the Frieze of the Parthenon. The frieze is an ornamental band on the halls or under the eaves. What is the subject matter of the frieze?
5. Why did the Greek sculptors so often choose athletes and athletic games as subjects? Keep this question in mind as you read the next chapter.
6. How far can you throw the discus?

PRONOUNCING LIST

Apelles. *ȧ*-pĕl′ēz
Athena. *ȧ*-thē′n*ȧ*
Corinthian. kō-rĭn′thĭ-*ăn*
Discobolus. dĭs-kŏb′ō-l*ŭs*
Doric. dŏr′ĭk
Ionic. ī-ŏn′ĭk
Myron. mī′r*ŏn*
Olympia. ō-lĭm′pĭ-*ȧ*
Parthenon. pär′thē-nŏn
Phidias. fĭd′ĭ-*ăs*
Zeus. zūs
Zeuxis. zūk′sĭs

CHAPTER V

GREEK LIFE AND CHARACTER

In order to appreciate still more fully what the Greeks did for us, it will be necessary to see how Greek boys and men were educated and what their ideals of life were. Unfortunately, the position of woman among the ancient Greeks was not high. This fact is a blot upon an otherwise beautiful civilization. The boys were very carefully educated, but almost no attention was paid to the girls. The Spartan boy was educated for the army. His body was well trained, but his mind was not. The Athenians

had a better kind of education. They gave their boys a good physical and athletic training, but they trained their minds as well. The Athenian boy studied reading, writing, arithmetic, geometry, drawing, and music. The writings of the poet Homer and of the lawyer, Solon, were studied, but foreign languages were looked upon with disdain. The boy was also taught to play upon the harp and flute, and to sing and to recite poems. The Greeks thought that music had a good moral effect upon the nature of the boy, and they were probably right.

The school day was a much longer one than ours. The school opened at sunrise and closed at sunset. The teachers did not seem to believe in spoiling the child by sparing the rod, as corporal punishment was inflicted for very slight offenses. The teachers also had their troubles, you may be sure. Plato speaks of some of his pupils as sharp, witty, insubordinate, and unmanageable little animals.

While there are many examples of treachery and dishonesty in Greek life, as there are in the life of every nation, as a rule Greek ideals were high. The Greek loved a good manly contest, had a taste for the beautiful, and was inclined to be temperate and moderate in all things. He avoided extremes and exercised a splendid self-control. Let us glance for a moment at a few of the finest types of manhood produced by the life and education of Greece.

Aristides is a "man whose character is a shining light in the ancient world." During the Persian Wars, he was banished from Athens through no fault of his own. Some of his fellow citizens voted against him because they were tired of hearing him called "Aristides the just." He was

of a forgiving disposition, however, and when his country needed him in time of war, he returned and insisted upon fighting for Greek liberty. He fought nobly against the Persians, both at Salamis and Plataea.

Socrates is one of the finest characters of ancient Greece. "True wisdom," said Socrates, "is to know what is good and to do what is right." He was a searcher after the

READING FROM HOMER

In the days of ancient Greece reading from the poems of Homer was a favorite and useful form of entertainment. When a good reader was reading aloud from the writings of "The Poet," as Homer was called, he always had an interested circle of listeners about him. The people gathered around as eagerly as children do now-a-days to listen to Indian stories or fairy tales.

truth and thought more deeply into the affairs of life than other men. He had a very high idea of God and refused to worship the gods which the Greeks had made of stone and bronze. As a result, he was tried on a charge of introducing strange gods and of corrupting the youth of Athens. He was convicted and sentenced to drink the fatal cup of hemlock, which he did with the utmost composure, while

discoursing upon the immortality of the soul. The Athenians of the time were not wise enough to understand his message.

Pericles. Pericles was a man of action. He was what we would call, in these days, a man of initiative. He could do things and get results without being told exactly how they should be done. He was somewhat like Lieu-

THE MENTAL EDUCATION OF THE GREEK YOUTH

The young Athenian received instruction from some of the greatest men in Greece, such as Plato and Aristotle.

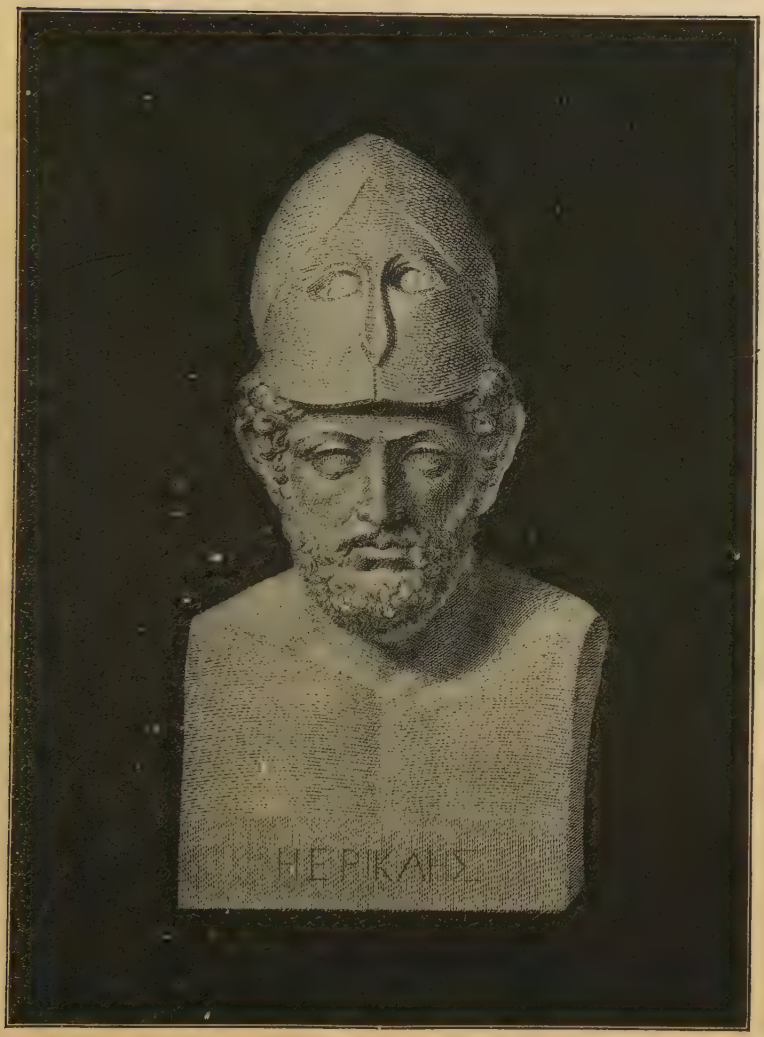
tenant Rowan of the United States army, who carried the message from President McKinley to General Garcia, without being told where Garcia was. He did not know at the time, but he found out. Pericles was "first in war and first in peace." He ruled Athens during her most brilliant period, but he ruled her because, by his eloquence and common sense, he was able to persuade the Athenian assembly to adopt his plans. He adorned Athens and the

Acropolis by erecting beautiful public buildings and creating fine works of art. He also built fortifications and other defenses for the city. As an orator, Pericles was spoken of

AGE OF PERICLES

A Greek orator is standing on the rostrum and attempting to persuade the people to adopt his views. At this time the Greeks were not governed by a king but by a public assembly.

as the Zeus of Athens, "rolling fateful thunders from his tongue." He died of the plague in Athens in 429 B.C., while defending his native city against the attacks of Sparta, the rival city in Greece.



PERICLES

Pericles was for a time the first citizen of Athens. He beautified the city with public buildings, encouraged its artists and literary men and provided for its defense.

Solon was a famous lawyer. While ruler of Athens, he drew up a splendid constitution and body of laws and succeeded in getting them adopted. He was the greatest lawyer among the Greeks. He made his laws binding for a hundred years and compelled all citizens to take an oath to obey them. But, like many modern officials, he was pestered so much by those who wished to have the laws changed, that he went away on a visit of ten years to Egypt, in order to escape his tormentors. When he returned, he saw his mistake. His laws were not being enforced, as there was no one in Athens to enforce them, and the government had fallen into confusion — almost into anarchy. We, in the United States, sometimes enact good laws and apparently expect them to enforce themselves — as much a mistake now as in Solon's time.

Diogenes in His Tub

We have read the stories of several Greeks who became great. And we have learned that the Greeks had the right to think for themselves and to act as they thought right. Each of these men was great because he *lived up to a noble ideal.* Aristides had a strong sense of justice and fairness; Socrates and Aristotle had visions of higher truth which

other men did not have; Pericles had a lofty and practical patriotism; Phidias had a great religious purpose in his work; Solon had a strong sense of right and wrong, and Demosthenes prized the liberty of Athens. The latter was very bold in speaking his sentiments. It was his practice "to hew to the line and let the chips fall where they would." Now, while there were black sheep in the Greek flock, there were very many of the other kind — as white as the marble of their own Pentelicus. An old cynic philosopher, named Diogenes, lived in a tub and was in the habit of going about the streets of Athens at noonday with a lantern in his hand, *looking for an honest man.* Do you think there was anything wrong with his lantern or with his eyes?

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Are the ideals for which these fine old Greeks stood worth holding out as ideals to the boys and girls of our day?

2. Pericles was an advocate of the "city beautiful." How could the city or town in which you live be made more beautiful? Would it be necessary to build Parthenons and to pay thousands of dollars to bring this about? How could a good architect help?

3. Which one of these old Greeks do you admire most? Why?

4. Name four famous Greeks and write a one-word picture of each.

5. Show the connection between the Greek athletic games and the public health.

PRONOUNCING LIST

Aristides. ăr′ĭs-tī′dēz
Diogenes. dī-ŏj′ē-nēz
Garcia. gär-sē′ä
Socrates. sŏk′ra-tēz
Solon. Sō′lŏn

CHAPTER VI

SPREAD OF GREEK CIVILIZATION

"With Alexander, the stage of Greek influence spreads across the world." — MAHAFFY.

We should now fix it firmly in our minds that Greek civilization and Greek learning were not confined to that small country now called Greece. In the course of time Greek culture spread over the entire ancient world. Like thistledown its seeds were wafted everywhere.

Greek Colonies. The spread of Greek civilization was brought about, in part, by the founding of colonies. There were three reasons why the Greeks founded colonies. In the first place, the population of the country had increased and an overflow took place. There was a "land hunger" among the Greeks and also a spirit of adventure. Greece was a small country, with a rugged and broken surface and a soil which was not very fertile. In the second place, some of the Greeks were not happy under the oppression of the home government and, like the Pilgrim Fathers, they sought freedom in other lands. Again, many of the colonies were due to the growth of commerce. After the decline of the Phoenicians, the Greeks became the leading commercial nation of the world. Colonies and commerce usually go hand in hand.

These colonies were free cities, not under the control of the mother country. They were bound to the mother city only by ties of sentiment and by a common religion and

10°
0°
10°
20°
30°
40°
40°
30°
Rhodae
Massilia
CORSICA
SARDINIA
Saguntum
Cumæ
ADRIATIC SEA
BLACK SEA
Byzantium
MEDITERRANEAN SEA
Sicily
Syracuse
Carthage
Athens
Sparta
CRETE
Sidon
Tyre
EGYPT
RED SEA
COLONIES OF GREECE
L.L.POATES CO., N.Y.

language. When colonists were about to set out to make homes in a new land, they asked the approval of the Delphic Oracle, and also took with them the sacred fire from the altar of the mother city. From this sacred spark a fire was kindled upon the hearth of the new city.

If you will look at the map, you will see that the Greeks founded colonies over a very wide area — from the eastern shores of the Black Sea on the east to Spain on the west, and from Russia on the north to the Sahara Desert on the south. In addition to this, Alexander the Great, the famous conqueror, founded Greek cities in the East all over the old Persian Empire and even beyond its boundaries.

Many of these colonies later became great cities, but the important fact about the whole matter is this: wherever a Greek colony was established, it became a center of Greek civilization. "It bore the blossoms and fruit of Greek culture." The people spoke the Greek language, sang the Greek songs, worshiped the Greek gods, and lived the Greek life of freedom.

Alexander the Great did more than any other one man to spread the civilization of Greece. He is an interesting and in most ways an attractive figure in history. He was the son of that Philip, king of Macedon, against whom Demosthenes hurled his powerful "Philippics." His mother was a semi-barbaric princess from a wild tribe. Alexander was a peculiar combination. He had the strong will and the military ability of his father, coupled with the warm sympathy and the fiery temper of his mother. From his teacher, the famous Aristotle, he got his love of Greek culture, and from Homer, his favorite author, he obtained

his love of heroic warfare. He knew the "Iliad" by heart and looked upon Achilles as his ideal warrior.

At the age of twelve, he conquered and tamed the fiery steed, Bucephalus; at eighteen, he led his father's troops in battle; and at twenty, he succeeded his father on the throne. At this time, he was a strong, vigorous, handsome, and well-educated young man. He was also a very likable person.

During his father's campaigns, it is said that Alexander frequently murmured because he feared there would be no worlds for *him* to conquer. Now at his father's death (336 B.C.) his great opportunity came and he determined to punish the East for the injuries and insults of the Persian Wars. Before starting out, it was necessary to set things in order in Greece, where certain cities had revolted against his rule. Thebes was one of these, and to show that he meant business and would not be trifled with, he destroyed every house in the city, except that of the poet Pindar, and sold the inhabitants into slavery.

He then started out upon his eastern conquest — one of the most remarkable expeditions in the world's history. He halted at the plains of Troy to do homage at the grave of Achilles, his ideal warrior. He then passed on to Gordium, where he cut the "Gordian Knot." Passing through Tarsus, which centuries later was the home of the Apostle Paul, he came to Tyre, the famous city of Phoenicia, and demanded its surrender. The Tyrians refused his demand and for seven months held out nobly. Tyre was situated on an island about a half mile from the mainland, and Alexander proceeded to build a wall or causeway, two hundred feet wide, from the mainland out to the island.

ALEXANDER THE GREAT

The young and handsome conqueror of the East is recognized as one of the world's greatest military geniuses. While not an admirable man in every respect he did much to spread Greek civilization.

He proceeded vigorously. He drove piles and dumped in stones, dirt, logs, and trees to fill up the space. While

DEFEAT OF DARIUS BY ALEXANDER

It was Alexander's ambition to conquer the world and as the Persian Empire was still the chief power in Asia, it was this empire that he set out to conquer. A third Darius was now ruling in Persia. Although Darius had twenty times as many men as Alexander had, Alexander defeated him in three great battles. After the third battle Darius was killed by some of his own men as he was trying to escape.

doing this, the Tyrians harassed the Greeks in every possible way. They hurled missiles of various kinds at them and pulled the trees and logs out of their places in the

wall. The Greeks then hung up hides of animals to protect their workers from the attacks of the enemy. They also built towers for their sharpshooters, but these the Tyrians burned in a rather ingenious way. They filled old ships with pitch and other combustible material and, setting them on fire, pushed them out against the towers and burned them down. Tyrian divers also fastened ropes to the trees and logs in the wall and pulled them from their places.

A Soldier of Alexander's Phalanx

The Macedonian phalanx was a solid body of men sixteen deep and a thousand in line. They were armed with spears. This body moved in a mass and nothing could withstand it on level ground. It plowed through armies like a great machine.

Alexander, however, finally succeeded in building the wall out to the island. Here he had another fierce fight. A wall had been built all around the edge of the island. This Alexander proceeded to demolish by means of battering rams. But he had no easy task. The defenders lowered blocks of stone to ward off the blows of the rams. The ropes from which the blocks were suspended were cut by scythes, and then iron cables were used. Bags of sea-weed were also lowered to deaden the blows of the rams, and red-hot metal and white-hot sand were hurled against the Greeks as they attempted to scale the wall. Finally, Alexander succeeded in battering down the wall, but right here he met another surprise. He found that while he was breaking the outer wall the

Tyrians were building an inner one to take its place. This one he battered down also, and so, after a long siege, entered the city. The Tyrians retreated to the roofs of their buildings and threw rocks upon the heads of the Greek invaders. But they were finally compelled to submit and their city, which they had defended so well, was wiped off the map, and the flat-topped rock was used only as a drying place for the nets of fishermen.

Alexandria. From Tyre, Alexander pushed down into Egypt. The most notable thing that he did there was to found Alexandria, which came to be the most important commercial and educational city of the world. Before this time, the site was a hiding place for pirates. At a later time, it became a city of five hundred thousand inhabitants and the center of the world's culture. Here was the famous Museum, an institution something like a modern college or university, with its lecture rooms, art galleries, botanical gardens, and famous library, with its seven hundred thousand priceless manuscripts. It became the haunt for the famous scholars of the world. Eratosthenes calculated the circumference of the earth to be twenty-eight thousand miles. Another scientist showed that the sun is the center of the solar system and that the earth rotates on its axis. Euclid wrote his geometry; another mathematician used calculus, and one of the scientists almost proved the circulation of the blood. It was many hundreds of years before the world again saw such remarkable progress in science and learning as that which received its inspiration from Alexandria. It is not too much to say that the geographers and scientific men of Alexandria

ALEXANDER'S EMPIRE

aided greatly in the discovery of America. They made the great work of Columbus possible.

In every sense, Alexandria was a wonderful city. It "seemed fragrant with all the riches of Greek thought and song." Here, Alexander was buried at the early age of thirty-two. His career, though short, was wonderful. He never refused to fight and he never lost a battle. Yet his great work was not in fighting battles, but in spreading Greek civilization. There are some who think that he did more for the world's civilization than any other human being. One writer says, "No single personality, excepting the carpenter's Son of Nazareth, has done so much to make the world we live in what it is as Alexander of Macedon."

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Compare the methods employed by Alexander in the siege and capture of Tyre with the methods used in the recent World War.

2. How did the geographers and scientific men of Alexandria aid in the discovery of America?

3. Was Alexander justified in attacking Thebes and Tyre?

4. Draw from memory a map of the Greek colonies.

5. Draw from memory a map of Alexander's march.

6. Why did people like Alexander?

7. What were some of the civilizing influences that Alexander extended throughout the world?

PRONOUNCING LIST

Bucephalus. bû-sĕf′ā-lŭs
Delphic. dĕl′fĭk
Eratosthenes. ĕr′ā-tŏs′thē-nēz
Euclid. ū′klĭd
Gordium. gôr′dĭ-ŭm
Oracle. ŏr′ā-k'l
Tarsus. tär′sŭs
Tyre. tīr

CHAPTER VII

THE ROMANS AS THE SUCCESSORS OF THE GREEKS

Rome conquered Greece but Greece in turn conquered Rome. "The conquered led captive the conqueror." — Roman Poet.

Greek civilization "was borne into Asia on the chariot of a conqueror, while it was brought into Italy in the chains of a captive."

The Romans, Empire Builders. You will remember that the Greeks planted colonies on all sides of the Mediterranean Sea. The Greeks, however, never took possession of the countries. They simply built their city-colonies but made no attempt at conquest. Even the colonists themselves were not under the control of the mother country. The Greeks, aside from Alexander, seemed to have no desire for empire or for conquest. The colonies were as free as the mother country.

Now, however, there arose in the west another people of a very different kind. They were empire builders, somewhat like the Persians, and delighted in taking land by conquest. These men were famous soldiers and governors, and in the course of a few centuries, they took possession of all the countries bordering on the Mediterranean Sea. These people were called Romans, and one writer has called the Mediterranean Sea a "Roman lake." Let us see how this nation began and how the Romans built up their great empire.

The Founding of Rome. Do you recall the story of Romulus and Remus and the founding of the city of Rome?

Romulus and Remus were twin boys who were thrown into the Tiber River by a wicked king. They drifted ashore and were rescued and reared by a kind-hearted shepherd. When they became men, the story says, they founded the city of Rome (753 B.C.), near the spot where their rescue took place. They soon quarreled, Remus was killed and Romulus became the first king of Rome.

"The Seven Hills of Rome." According to tradition, the first settlement was on the Palatine Hill. Soon, however, with an increase in population, the city spread to the other hills, six in number, and Rome became "the mistress of the seven hills." At first, the Romans could not occupy the valleys between the hills because they were wet and swampy, but later they were drained and made habitable by means of immense stone sewers. The new city was easily defended from its enemies and was favorably situated for the purpose of trade. It was near the Tiber River and, being eighteen miles from the sea, was not in easy reach of pirates. Rome, because of her position, soon grew strong enough to extend her conquering sway over Italy and, later, over the entire Mediterranean world.

Rome's Brave Defenders. The spirit of Rome's warriors was more important than her position on the hilltops. Do you recall the story of Horatius at the bridge? Lars Porsena, an Etruscan king, was bearing down from the north upon Rome with a mighty army. The city seemed doomed, but did not despair. Horatius Cocles, with two companions, met the enemy at a narrow wooden bridge, over which the Etruscans attempted to pass into the city. Horatius, deserted by his two men, held the

bridge until the Romans tore down the part back of him, and thus cut off the Etruscans from the city. The enemy then called upon him to surrender, but instead he threw himself into the Tiber, with his heavy armor on, and swam in safety to the fields on the other shore. He was received

HORATIUS AT THE BRIDGE

with great shouts of joy, and later a statue, representing him holding the entire Etruscan army at bay, was erected in his honor.

Cincinnatus at the Plow. To the north and east of the Romans there lived a people called the Aequians. With these also the Romans waged a war, and, according to the story, were getting the worst of it. The Roman army was entrapped in a valley and about to be destroyed, when the

country turned to a simple farmer for deliverance. Cincinnatus was a distinguished soldier who had retired to a small farm a few miles from Rome. The Senate now made him Dictator and a messenger was sent to urge him to come to Rome at once and raise an army for the defense of the city. When the messenger arrived, he found Cincinnatus plowing in the field. Upon receiving his message, the old soldier left his oxen standing in the furrow, went directly to Rome, raised an army, captured the entire force of the Aequians, and sent it "under the yoke." The yoke consisted of a spear, supported on two other spears, thrust into the ground. Passing under the yoke was the greatest humiliation that could befall a spirited soldier. He had to bow low in token of subjection.

Cincinnatus was given a great triumph when he returned to Rome. A procession moved along the principal streets and escorted the triumphal car, in which the great general rode, clad in splendid robes. When this was over, he laid aside his purple garments, resigned his commission as Dictator, and went back to the simple life of his four-acre farm.

The great strength of Rome lay in such citizens as Cincinnatus. At the time of our Civil War, tens of thousands of American citizens left their plows standing in the furrows and fought for the preservation of the Union. After the war was over, they, like Cincinnatus, quietly returned to their former duties. Such men as these make a nation great.

The Romans knew no such word as "fail" and by 275 B.C., or about fifty years after Alexander's death, they had possession of all of Italy from the Rubicon to Sicily.

The Wars with Carthage. Could the Romans remain contented in Italy? By no means. While Rome was growing strong in Italy, another great power was springing up on the coast of Africa, opposite Sicily. By the time that Rome had obtained possession of the Italian penin-

ROMAN SOLDIERS
These men conquered the world for Rome.

sula, Carthage had secured two thousand miles of sea-coast in north Africa. The Mediterranean world was too small for both of them and Cato, a Roman leader of this time, concluded every one of his speeches with the words, "Carthage must be destroyed." Carthage was finally destroyed by Rome, but not without a mighty struggle.

Hannibal. The Romans waged three wars with the Carthaginians and the greatest hero of these wars on the Carthaginian side was Hannibal. Hannibal came from a fighting family and one that hated the very name of Rome. When but a boy of nine, his father took him

THE BOY HANNIBAL SWEARING ENMITY TO ROME

before the altar of one of their gods and asked him to take an oath of everlasting hostility to the Romans. This he did and how well he lived up to his oath we shall soon see.

Hannibal was a truly wonderful man and one of the most skillful military leaders of all time. He combined courage with prudence. His body apparently never became tired and his mind was always alert. He could

ROME
AND
CARTHAGE
GAUL
ALPS MTS.
ADRIATIC SEA
ITALY
Lake Trasimenus
Rome
Cannae
CORSICA
SARDINIA
SICILY
Syracuse
Carthage
TYRRHENIAN SEA
MEDITERRANEAN SEA
AFRICA
SPAIN
PYRENEES MTS.
Ebro
Saguntum
New Carthage
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endure extremes of hunger and cold when necessary. He ate and drank in moderation and often worked both day and night, sleeping only when there was nothing else to be done. He would wrap himself up in his cloak and lie down on the ground, wherever he happened to be, and sleep in the midst of the sentinels of the army. He dressed as a plain officer, but carried splendid weapons and always rode the best of horses.

Hannibal Crosses the Alps. Hannibal conceived a bold idea. He resolved to beard the Roman lion in his den, or, in other words, to carry the war to the very gates of Rome. So he took his army, went into Spain, crossed the Pyrenees Mountains and the Rhone River, and began to climb the Alps. This was a very difficult task. The way was steep, narrow, and icy and beset with all sorts of obstacles. The natives watched his progress and rolled huge bowlders down the mountain sides upon his train of pack animals. In this way he lost a large part of his provisions. His elephants, too, were not on their good behavior, and caused him a great deal of trouble. But he finally came to the summit and looked down upon Italy. He probably had his oath in mind when he said to his men, "Yonder in the distance lies Rome." He reached the top of the mountains, but he had paid the penalty. He started with sixty thousand men. He now had less than one half of that number, and these were hungry and worn out and their horses were tired and lame.

Hannibal's strong heart, however, never faltered. There was no Roman commander who was anything like a match for him and he out-generaled the enemy on every hand.

At Lake Trasimenus, near Rome, he set a trap for the enemy. He took an unusual route across the marshes, wading for four days and three nights through mud and mire. He then threw himself upon the surprised

HANNIBAL CROSSING THE ALPS

Romans, killed the commander, and destroyed their entire army. After the battle, his men talked of dining in the city of Rome within a few days.

The Battle of Cannae (216 B.C.). He then pushed on to Cannae in southeast Italy where he fought his greatest

battle. The Romans, now thoroughly frightened, had raised an army of eighty-six thousand men — the largest Roman army ever put into the field up to this time. Now Hannibal had only fifty thousand men, but as one writer remarks, "Hannibal's brains were worth forty thousand Roman soldiers." It seemed so. Hannibal planned the battle, and the Romans seemed to fall right in with his plans. He not only defeated the Roman army, but he crushed it utterly. It is said that seventy thousand Romans were slain at Cannae and that every house in Rome was in mourning. Hannibal sent to Carthage a peck of gold rings, taken from the fingers of Roman knights who fell in the slaughter.

The Roman Spirit. The Carthaginians won other victories under the splendid leadership of Hannibal, but were the Romans defeated? By no means. They hung on and triumphed in the end. The Roman generals were not so able as the Carthaginian, but the Roman *citizens* were reliable and steadfast. They endured to the end and finally triumphed.

The Destruction of Carthage (146 B.C.). The Carthaginians were finally worn out and Hannibal went back to Carthage, after maintaining an army in a foreign country for sixteen years. The Romans pressed after him and "carried the war into Africa." They finally took Carthage in 146 B.C. They massacred the inhabitants, pillaged and burned the city, and cursed the very land upon which it stood. This was the sad ending of a proud city.

Greece Made a Roman Province. The wars with Carthage furnish a good example of the way in which the Romans conquered the Mediterranean lands. Greece be-

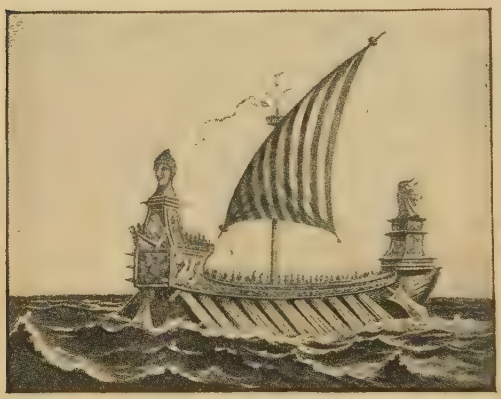
came a Roman province in the same year in which Carthage was destroyed. The fall of Corinth in Greece was the final event of that war. When the city was captured the Roman Consul caused most of the men to be put to death. The rest of the people became slaves. After pillaging the city, the Consul burned it. He then sent several ship-loads of statues and paintings to Rome. Many of these works of art were made by the great sculptors and painters of Greece. When the ships were setting out for Rome, Mummius, the Roman commander, warned the sailors that if they destroyed or injured any of the works of art on the voyage, "they must replace them with others of equal value." Would it be an easy task to replace a statue by Phidias, or a painting by Apelles?

And so the Roman army stalked along the shores of the Mediterranean Sea. Nothing could stop the Roman soldier. He might be defeated at times, but he hung on with bull-dog grip and usually triumphed in the end.

The Building of a Fleet. The great energy and resourcefulness of the Romans are well illustrated by an event in the wars with Carthage. In the early part of the war, the Romans had no fleet worthy of the name and they saw at once that they must have war-ships, if they expected to make any headway against "the sons of the Phoenicians." So they took as a model a Carthaginian ship which had been wrecked upon the Italian shore, and in sixty days they made one hundred just like it. Furthermore, they fitted out their ships with drawbridges which could be thrown over the decks of the enemies'

vessels and spiked down, thus lashing the two vessels together. They believed that, in a hand-to-hand fight, they could defeat any other soldiers in the world. They proved themselves equal to the task.

It is now easy to see that Rome was made great not by her seven hills or by the Tiber River, not by the vast extent of territory over which she held sway, nor the many tribes and nations which she ruled, *but by the splendid valor and the patriotic spirit of her citizens.* She conquered many tribes, absorbing their strength; she gathered military skill from contact with the Carthaginian; she grew rich from the granaries of Africa; she absorbed the freedom, grace, and scholarship of the Greeks, and welded all of these into a splendid valor and a patriotic citizenship. It meant something to be a Roman citizen. "To be a Roman was greater than to be a king."



A Roman Ship

Vessels like this carried the commerce and the soldiers of Rome to all parts of the known world.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. You have already seen how Greek civilization "was brought into Asia on the chariot of a conqueror." Watch carefully in this and succeeding chapters to see how it "was brought into Italy in the chains of a captive."

2. Compare Hannibal's attack on Rome with Alexander's siege of Tyre. Which expedition do you think was more difficult?

3. What is patriotism? Can we love our country without hating others?

4. Did you notice anything about the rise of the Greeks that was like the rise of the Romans?

5. What are the important names and places in this chapter and why?

PRONOUNCING LIST

Aequians. ē-kwĭ′ănz
Cannae. kăn′ē
Carthage. kär′thăj
Cato. kā′tō
Cincinnatus. sĭn′sĭ-nā′tŭs
Corinth. kŏr′ĭnth
Etruscan. ē-trŭs′kăn
Hannibal. hăn′ĭ-băl
Horatius Cocles. hō-rā′shĭ-ŭs kō′klēz
Lars Porsena. lärs pôr′sĕ-nä
Mummius. mŭm′ĭ-ŭs
Palatine. păl′ȧ-tīn
Punic. pū′nĭk
Pyrenees. pĭr′ē-nēz
Remus. rē′mŭs
Rhone. rōn
Romulus. rŏm′ū-lŭs
Sicily. sĭs′ĭ-lĭ
Tiber. tī′bĕr
Trasimenus. trä′sē-mē′nŭs

CHAPTER VIII

THE ROMANS CONQUER THE WEST

Let us now turn our attention to the Romans in the West. After conquering the eastern Mediterranean countries, the Romans turned their arms against the Gauls, in what is now France, against the Germans beyond the Danube, and against the Britons in England. From our standpoint, the spread of the Romans in the West is important because these western peoples had most to do with the discovery and colonization of the American continent.

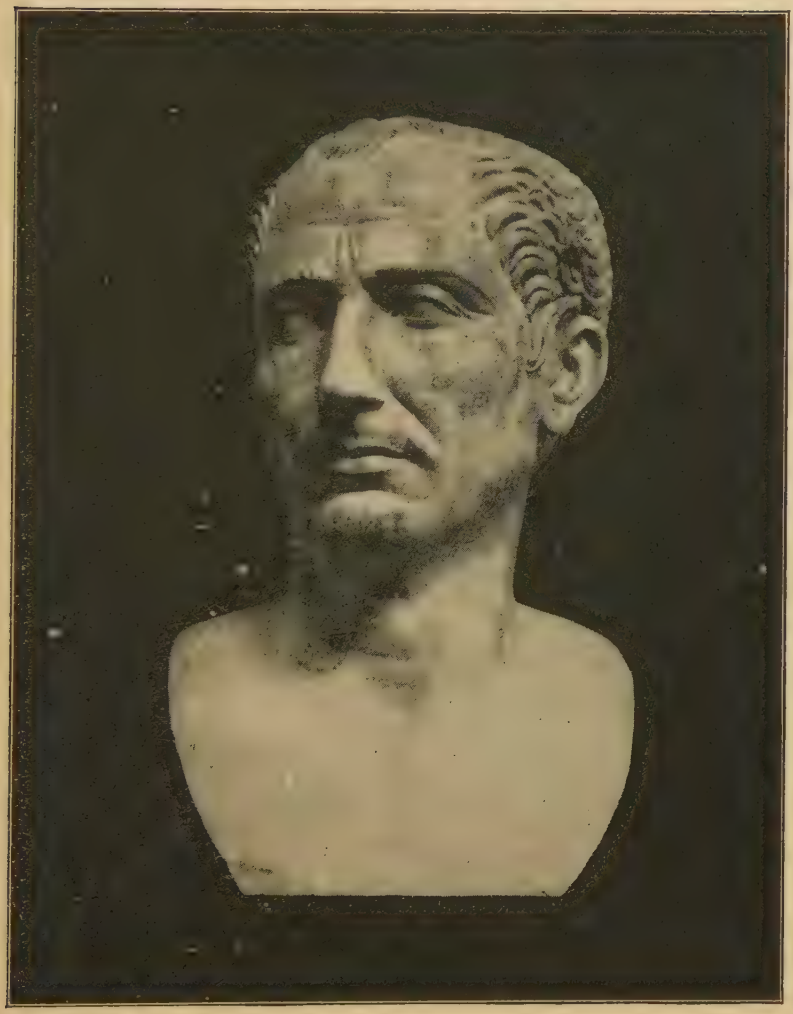
Caesar in Gaul. Roman rule and Roman civilization were carried into western Europe by Julius Caesar, the

greatest man of the Roman world. Caesar was a member of one of the oldest and proudest of the aristocratic families of Rome. But he believed in giving the common people their rights, and so became a great popular leader. He increased his popularity, year after year, by giving entertainments to the masses of the people. He amused them from time to time by giving sham battles on the Tiber and gladiatorial fights in the arena. The people liked him and he was elected to one office after another until finally he became Consul, the highest official in the land.

In the year 58 B.C. he led an army into Gaul and proceeded to make a conquest of that country. Here he and his men fought bravely, and, in the course of a few years, he had conquered all the land now known as France, Belgium, and Holland. In doing this, however, he met men worthy of his steel.

Vercingetorix, Chief of the Gauls. The greatest of these was Vercingetorix, a noble young Gaul. He was a spirited patriot and was unwilling to submit to Roman rule. He, therefore, raised a revolt against the power of Caesar and attempted to drive the Romans out of his native land. He tried to starve out the Roman army by burning supplies and destroying towns. No less than a score of cities were ablaze on a single day and the Romans were in the midst of a sea of flame. One city was spared and here the Gauls took refuge and defended themselves for about a month. Finally, Caesar dashed against it in the midst of a driving rain and captured the town. The inhabitants, men, women, and children, were massacred.

Vercingetorix was making some headway, however. He



JULIUS CAESAR
Julius Caesar was a great Roman general, statesman, orator, and writer.

met and defeated Caesar — the only time that Caesar was ever defeated in an open battle. In another battle, Caesar was captured but later he was rescued by his men. Caesar now redoubled his efforts and Vercingetorix was compelled to take refuge in the hill-top city of Alesia in eastern Gaul. Caesar laid siege to this place, but found the task a very difficult one. But, finally, the organized

VERCINGETORIX AND HIS SOLDIERS

strength and skill of the Romans began to prevail over the great numbers and savage bravery of the Gauls. Vercingetorix, seeing that the day was lost, went to the camp of Caesar and gave himself up as a prisoner, in order to save his followers from slaughter. Caesar took his noble captive to Rome, where he graced the triumphal procession and was later put to death in a dungeon. He was the

best fighter the Romans had met in a hundred and fifty years and deserved a better fate. A monument was erected to his memory on the site of his heroic stand.

The Germans. While in Gaul, Caesar also came into contact with the dreaded Germans. The Romans had

THE MEETING OF CAESAR AND ARIOVISTUS

Ariovistus proposed to share the territory of Gaul with the Romans. Caesar rejected this proposition and war followed. The Roman soldiers were so frightened by the warlike appearance of the Germans that they hesitated about entering the battle. It was here that Caesar remarked that if all other soldiers failed him he would face the foe with the Tenth Legion alone. The battle was fought, the Germans were defeated, and Ariovistus escaped across the Rhine River in a small boat.

heard alarming stories about the great size and terrible appearance of these people and were not at all anxious to meet them in battle. So when Ariovistus, a German king, crossed the Rhine River into Gaul to seek homes for his people, the Roman soldiers were greatly alarmed. But

Caesar was equal to the occasion. He said, "If no others will follow me against the Germans, I shall go forward with the Tenth Legion alone." The flattered Tenth Legion said that it was ready to march, and others went also. The result was that Ariovistus was beaten in battle and was driven back to his home in Germany.

Caesar in Britain. We must follow Caesar into still another country. While he was campaigning in Gaul, some of the Britons living in the country now known as England aided the Gauls against the Romans. The Gauls and Britons belonged to the same race, and the Britons probably came to the conclusion that if the Romans conquered the Gauls, their turn would come next. Caesar also had heard numerous stories about the wealth and beauty of the island and probably had some curiosity to see the country for himself and possibly to add it to the domain of Rome.

Therefore, one day in August, 55 B.C., a crowd of half-naked barbarians with painted faces saw Caesar's ships put into port near the modern English town of Deal. The Britons tried to prevent them from landing, but to no avail. After defeating the natives in several skirmishes and losing some of his ships in a great storm off the British coast, Caesar prepared to go back to Gaul. He robbed the harvest fields of the Britons to get food for his army, and then sailed away.

In the following summer he returned to Britain with a larger force of men. This time he landed twenty-two thousand soldiers without opposition on the part of the natives. When he began his march inland, however, the Britons fell upon him. Nevertheless, he pushed as far

north as the Thames River, chastising the Britons, and burning their huts as he went. The Britons, no doubt, breathed a sigh of relief when, a few weeks later, they saw his boats vanish in the distance. They were content

THE LANDING OF THE ROMANS IN BRITAIN

to allow the Gauls to fight their own battles after that. Caesar wrote an account of his experiences and observations in Britain and with this account the written history of Britain begins.

The Real Conquest of Britain. It cannot be said, how-

ever, that Caesar made a conquest of Britain, or that he added it to the Roman Empire, for he did neither. He *found* the island and told the Romans enough about its resources and people to arouse their curiosity and to make them wish to have it as a part of the empire. And yet for a hundred years they took no steps in this direction. Finally, in 43 A.D., they began a systematic conquest of the island which extended over many years. After a long period of fierce fighting, the Romans got possession of all of that part of the island known as England and built great walls near the Scottish border for defense against the warlike peoples of the north.

Roman Civilization in Britain. When the Romans came into Britain, they brought other things with them besides their swords. They brought their Roman civilization and settled down in their new home to remain for three hundred and fifty years. They built towns over all the island and in these towns were temples, theaters, and fine buildings — better ones than the Britons had ever dreamed of. They also drained the marshes, cleared away the forests, and built roads which have lasted even to this day. Four great Roman roads spread out from London and led to important parts of the island. The Romans also built great walls for defense and some parts of these still exist. They taught the Britons to cultivate their land in a better way, to make better clothes, and in every way to live better. A Roman villa, with its baths, works of art, and general refinement, was an object lesson in civilization to the rude Britons. In religion, there were marked changes. The Britons, with their Druid form of worship, offered up human beings as sacrifices in their dark groves. The

Romans brought with them their gods and temples, and later Christianity appeared in different parts of the island.

The man who had most to do with the spread of Roman power in the West was Julius Caesar, the greatest man ever produced by Rome and one of the greatest in all history.

It should be remembered that wherever the Romans went they brought Roman life, industry, art, religion, law, and literature with them. They also taught a plan of organized government which has made possible safe living in great cities. Rome gave to the world and to us an idea of the importance of *citizenship*.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. You have seen in this chapter how the Roman Empire is spreading. Have you also noticed that Caesar, the Great Roman Empire builder, did his great work in the century preceding the birth of Christ, and the beginning of the Christian religion? Keep this in mind in the next few chapters.

2. Which do you think had the better ideas about empire building, the Persians or the Romans?

3. Which would you rather be, a citizen of the Roman Empire or of the British Empire of to-day? Why?

4. What was Rome's greatest contribution to the world?

5. Compare Caesar with Hannibal and note the differences. Why was Caesar greater than Hannibal?

PRONOUNCING LIST

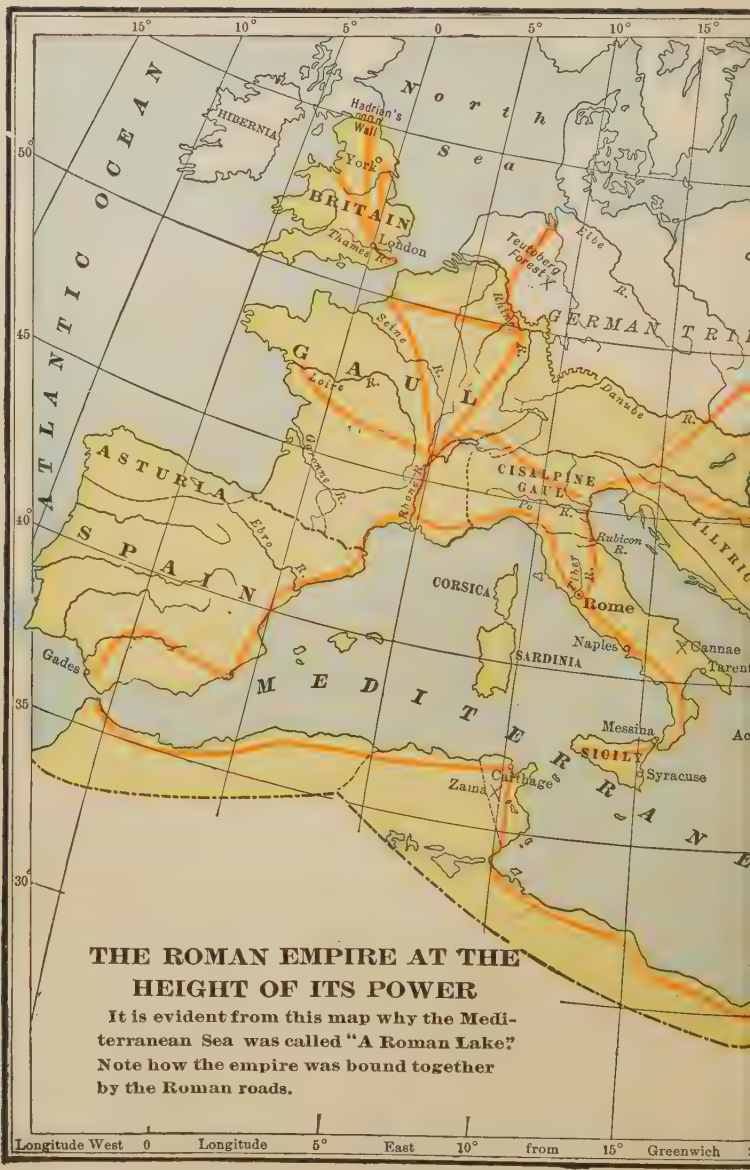
Alesia. *a*-lē′sĭ-*a*
Ariovistus. ā-rĭ′ō-vĭs′tŭs
Danube. dăn′ūb
Druid. drōō′ĭd
Gaul. gôl
Julius Caesar. jōōl′ĭ-ŭs sē′zär
Rhine. rīn
Vercingetorix. vûr′sĭn-jĕt′ō-rĭks

CHAPTER IX

ROME, THE CAPITAL OF THE EMPIRE

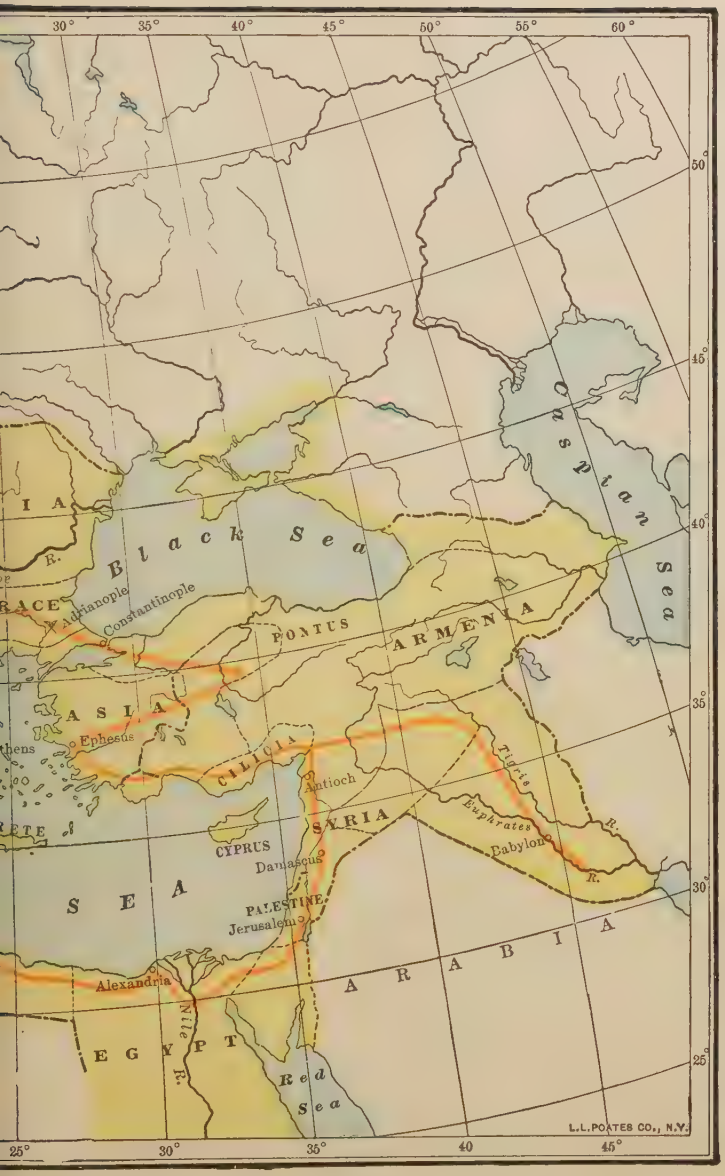
Crossing the Rubicon. At this point we are just a little ahead of our story and must retrace our steps for a few moments. While Caesar was winning land and laurels in Gaul, some other leaders of the Roman State were becoming exceedingly jealous of him. His enemies induced the Senate to order that he should give up his whole army upon a certain day or be declared a public enemy. Instead of giving up his army, he marched with it upon Rome to chastise his enemies. This was a very serious thing to do and Caesar was well aware of it. It was against the Roman law for anyone to enter Italy without laying down his arms at the boundary. And when Caesar came to the Rubicon River, which separated his province of Gaul from Italy, he hesitated. But finally exclaiming, "The die is cast," he crossed the river, and with a loud blast of his trumpet, called upon his troops to follow. This they did and marched with Caesar against the city of Rome. Here Caesar quickly scattered his enemies and was soon the master of the city.

He next defeated his enemies in Egypt and in other parts of the East. After one of his battles, he sent his famous message to Rome, "Veni, vidi, vici" (meaning, "I came, I saw, I conquered"), which indicates the rapidity with which he acted. He was now master of the Roman world, and became, in reality, the first Emperor of the



THE ROMAN EMPIRE AT THE HEIGHT OF ITS POWER

It is evident from this map why the Mediterranean Sea was called "A Roman Lake." Note how the empire was bound together by the Roman roads.


30°
35°
40°
45°
50°
55°
60°
50°
45°
40°
35°
30°
25°
Caspian Sea
Black Sea
Adrianople
Constantinople
PONTUS
ARMENIA
ASIA
Ephesus
CILICIA
Antioch
SYRIA
Tigris R.
Euphrates R.
Babylon
CYPRUS
Damascus
PALESTINE
Jerusalem
Alexandria
Nile R.
EGYPT
ARABIA
Red Sea
SEA
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Roman Empire. He did not live long, however, to enjoy his power, as he was cruelly murdered in the Senate Chamber at Rome (44 B.C.), in the fifty-sixth year of his age. His former friends, jealous of his great success, fell upon

CAESAR CROSSING THE RUBICON

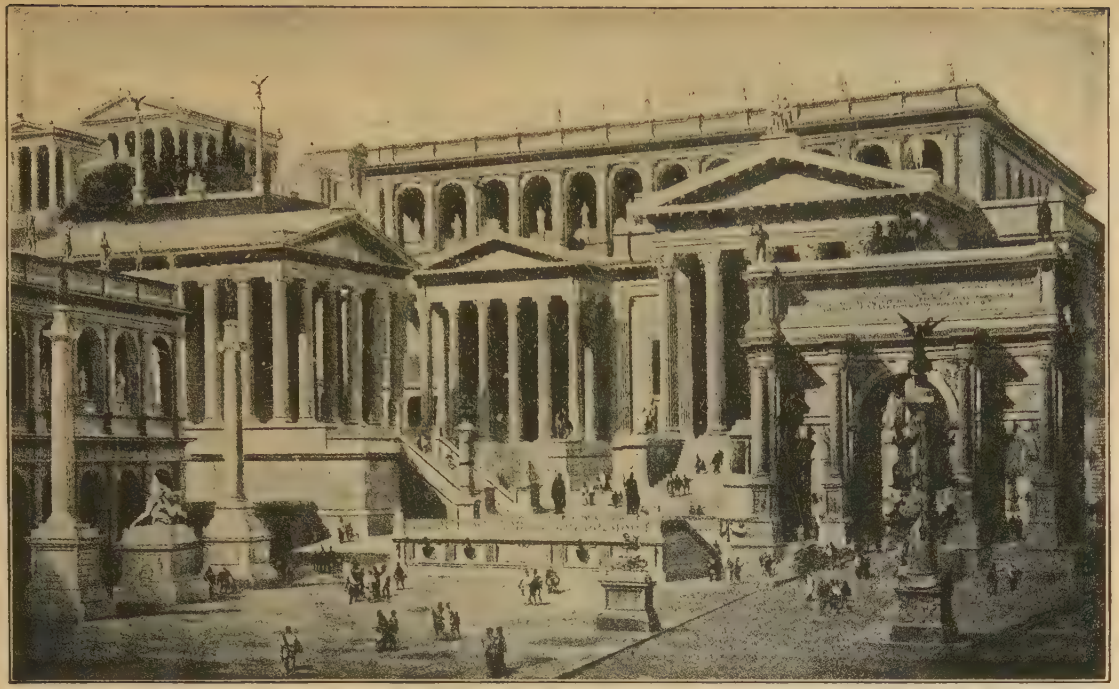
him with their daggers, and he dropped, pierced by twenty-three wounds. A Roman historian tells us that the people looked upon him as a god and that a comet which blazed in the sky for seven days was thought to be the soul of Caesar as it entered the kingdom of heaven.

And so, slowly but surely, the Roman army took possession of the countries from England to Egypt and from the Danube to the great African desert. The Romans were defeated at times, but they fought with that grim determination which finally crowned them with success.

Augustus Caesar

The City of Rome. Julius Caesar was succeeded in power by his grand-nephew, Octavius, or Augustus, as he is better known. This young man of nineteen was a youth of remarkable ability, and during his reign Rome enjoyed "the Golden Age" of her prosperity. Augustus was emperor for some years both before and after the birth of Christ, and during that time Rome reached the pinnacle of her greatness. The "Age of Augustus" in Rome corresponds to the "Age of Pericles" in Greece. At the close of his reign, Augustus boasted that he found Rome a city of brick and left it a city of marble. Some of the wonders of this city of marble are worthy of our attention.

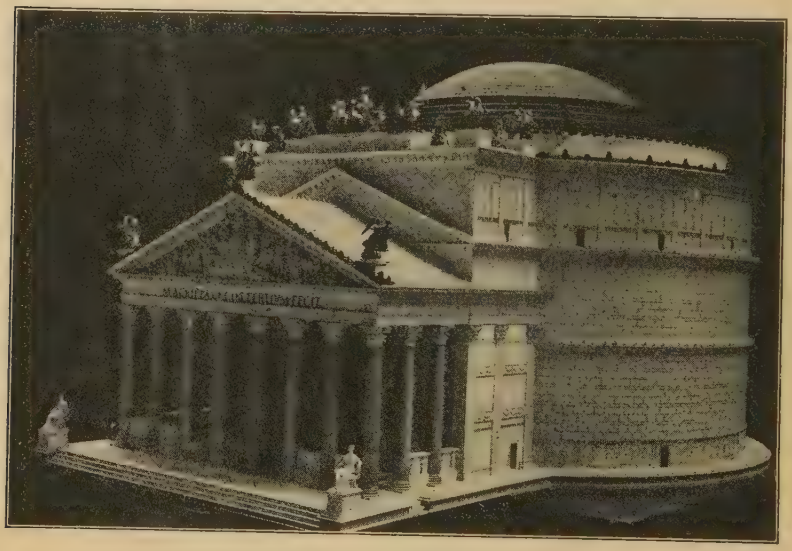
The Forum. The Forum was the architectural center of the city. It was a large, open space and corresponded in some respects to the Acropolis at Athens. It was the scene of the old market place of the early days, but later



THE ROMAN FORUM

This picture shows a part of the Roman Forum as it existed in its best days. It contained many of the most famous buildings of the city and would correspond to the public square in one of our modern cities.

became the center of a mass of beautiful and inspiring buildings, including palaces, theaters, circuses, baths, tombs, triumphal arches, columns, and other monuments. These were enlarged copies of the buildings which the Romans found in Greece. Some of these were in the Forum, others



THE PANTHEON

The above picture was taken from a photograph of a small model, showing how the Pantheon looked in the "Golden Age."

near it, and still others scattered about in different parts of the city.

The Pantheon. One of the most beautiful buildings of Rome was the Pantheon, or the "Temple of all the gods." It was built by Augustus and may be said to be the Roman Parthenon (see page 45).

The Coliseum. The Romans were very fond of fights and contests of all kinds, but were not always fair sports-

men. They loved the sensational and brutal form of contest. One of the Emperors built the famous Coliseum, which was the scene of gladiatorial contests and fights between wild beasts and men. The most savage animals that could be found were procured for this purpose from

A Gladiatorial Combat

When one of the fighters had his opponent at his mercy he looked up to the spectators to see whether or not they wished to have his life taken. Holding the thumbs up was the signal for sparing the life of the vanquished man, while holding the thumbs down indicated that he should be put to death.

distant forests and deserts. The effects of these shows were degrading and brutalizing, and yet the crowds went wild over them. The prize fight and the bull fight of the present day are about all that remain of this low form of amusement.

The Circus Maximus, or Great Circus, was built for sports and contests of various kinds, chief among them

being the chariot races. The Circus was two thousand feet long and six hundred feet wide, and would seat four hundred thousand people. The chariot races were a most thrilling spectacle. Daring and reckless drivers drove the fastest horses that could be procured. Usually they drove seven times around the course, a distance of four miles. The turns were short for such terrific speed and very frequently horses, chariots, and drivers fell into a tangled

A Chariot Race

heap. In fact, the drivers, instead of attempting to win the race on its merits, often tried to "spill their opponents."

The Public Baths were among the finest of the Roman buildings. They were beautiful and spacious structures with granite and marble columns and floors of fine mosaic. Much of the marble used was brought over from Greece. In addition to the baths and swimming pools, there were gymnasiums, lounging rooms, art galleries and reading rooms, and halls for conversation. These baths were club houses for rich and poor alike and became the social centers of Rome.

In addition to these public buildings, the Romans built fine roads, aqueducts, and private dwellings. The foundations of some of these roads are still solid after a lapse of two thousand years. The aqueducts brought water from the surrounding hills to the city for use. The aqueduct was made of stone and was built with a slight incline towards the city and never with ups and downs as we now lay our water pipes. Mountains were leveled and valleys were bridged over for the passage of the waterway.

Education. In education, as in many other things, the Romans imitated the Greeks. In fact, Greek teachers were found in Roman schools and in Roman private families. The Romans, however, made one very great improvement upon the education of the Greeks — they educated their girls to some extent, at least, as well as the boys.

The schools were private, not public as with us, and a small fee was paid by the pupil. The boy entered school at the age of six or seven, and was taught reading, writing, and arithmetic. At a later time he was taught Greek, rhetoric, oratory, and philosophy. It was considered very important that the boy be able to speak in public and he was given frequent exercises to this end. The school work began before sunrise and the discipline, like that of the Roman army, was exceedingly severe.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. What effect had the binding together of the Mediterranean world into one great empire upon the spreading of Christianity?

2. If there is some one in your community who has visited Rome, ask your teacher to invite him to come and talk to your class. Get him to tell you about the Forum, the Pantheon, the Coliseum, the Baths of Caracalla, the great Aqueducts, etc. Be ready to ask him questions.

3. How did the education of the Roman boy differ from that of the Greek boy?

4. Have you ever visited the capital of your state or nation? Rome was a beautiful city, but Washington is beautiful also.

PRONOUNCING LIST

Caracalla. kăr′*ȧ*-kăl′*ȧ*
Circus Maximus. sûr′kŭs măk′sĭ-mŭs
Coliseum. kŏl′ĭ-sē′ŭm
Forum. fō′rŭm
Octavius. ŏc-tā′vĭ-ŭs
Pantheon. păn-thē′ŏn
Rubicon. rōō′bĭ-kŏn

CHAPTER X

CHRISTIANITY IN THE ROMAN EMPIRE

Just at the time when the Roman empire was at the height of its power under the Emperor Augustus, the founder of Christianity was born in Bethlehem, a little village in Judea. There he went about teaching the doctrines of his new religion, and after his death his followers carried on the work. Paul and other apostles went to Athens and other important cities of the Roman Empire to spread the new faith.

Persecutions of the Christians. There were many religions in the Empire and Rome tolerated them all as we do in our country. The Roman emperors, at first, took no notice of the Christians. The believers in the new religion were drawn, for the most part, from the lower classes of society, and almost no attention was paid to them by the governing classes. They did not seem to be worthy of notice. Soon, however, the Christians came to be looked upon as an objectionable body of people and

were called "haters of mankind." They refused to worship the gods of the Romans. To them that was idol-worship and a sin. The Christians held secret meetings and this fact also aroused suspicion against them. The pagans accused them of many crimes, including cannibalism, and many believed that famine, pestilence, and other calamities were sent upon the Romans by their

THE LAST PRAYER

The Christians in Rome, under some of the Emperors, were compelled to undergo cruel tortures. Here we see a group of them about to be sacrificed to wild beasts before a vast crowd in the Coliseum.

gods because of the offenses of the Christians. Soon the Christians came to be despised and feared by some of the Emperors. Wicked emperors, like Nero, persecuted them almost for the fun of it, and good men, like Marcus Aurelius, did so as a pious duty.

The Persecutions of Nero. The young Nero was only seventeen years of age when he became Emperor and he

was more interested in dancing and other forms of amusement than he was in anything else. He, therefore, turned over the government to others for a time. It would have been better for the Christians and for all concerned if he had kept his hands off altogether. But he did not.

A large part of the city of Rome was burned during Nero's reign, and the Emperor, because of his peculiar antics, was accused of setting it on fire. He seemed to enjoy the burning very much and an old story tells us that he played his harp while the city burned. In order to ward off suspicion from himself, he accused the Christians of setting the fire and proceeded to punish them for it. They were tortured very cruelly. One of the old Roman writers tells us that the officers not only punished them but made fun of them at the same time. They were chased about by dogs and sometimes smeared with pitch. The Emperor Nero thought this fine sport and offered the use of his gardens for the purpose. The Roman people showed signs of pity for the sufferers, but the cruel Emperor did not relent. This outburst against the Christians was not entirely on religious grounds and did not extend beyond the city of Rome.

NERO WATCHING THE BURNING OF ROME

Christianity grew, however, in spite of persecution. It may have grown more rapidly because of it. The Christians were very aggressive. They believed that it was their holy duty to convert all men to their faith. The new religion also had something to offer which the old pagan religion did not have. It was the first religion to teach universal brotherhood, that the soul of the slave was as good as the soul of an Emperor, and it recognized no caste or class distinction. It also taught pardon for sins and the immortality of the soul, or the life after the life on earth. Many poor and oppressed souls found comfort and solace in the teachings of the Christians. Christianity grew steadily and Christian teachers appeared all over the Empire.

CONSTANTINE SEES THE FLAMING CROSS IN THE SKY

Constantine and the Flaming Cross. Finally Constantine became Emperor in the early part of the fourth century. He was a masterful man with splendid insight into the problems of government. He saw the growing power of the Christians and probably wished to have their assistance in his wars. He was also friendly to the doctrines of Christianity, and it is said that while on a military cam-

paign, he saw in the heavens a flaming sign of the Cross, with the words upon it, "By this sign you shall conquer." It is said that he made a vow to accept the God of the Christians in case of success. He won his battle and was immediately baptized into the Christian faith. This story may or may not be true, but it is certain that Constantine became a Christian and made Christianity the state religion of the Roman Empire.

Now that Christianity had the official endorsement of the Emperor, it spread rapidly in all parts of the Empire. Many thrilling stories could be told of the work of devoted missionaries of the Christian Church, if our space permitted. Perhaps you will recall some of these stories and possibly you may have time to read some in other books.

Summary. Let us now sum up briefly what has been said in the last few chapters. Greece inherited the civilization of Egypt, Phoenicia, and other oriental countries. She adopted the best of this civilization, improved upon it, and handed it on to her successors, the Romans. As the Romans conquered country after country in their triumphal swing around the Mediterranean, they found everywhere the seeds of Greek culture, planted by Greek colonists. They also captured Greek cities, such as Corinth, and carried away their art treasures to Rome. They studied the writings of the great Greek authors and employed Greek teachers in their schools. In this way, the Romans adopted and absorbed the civilization of the Greeks and carried it into every nook and corner of the Mediterranean world.

The Romans were very different from the Greeks. The Greeks were men of *thought*, while the Romans were

men of *action*. The Greeks delighted and excelled in poetry, history, oratory, philosophy, sculpture, painting, and architecture, while the Romans were at their best in conquering and in governing. They excelled in the so-called *practical* things, while they imitated Greek art and literature. They built roads and aqueducts, sewers and temples, which are in existence at the present day. Their greatest original contribution to civilization, however, was in *law* and *government*. The government and patriotism of the Greeks were narrow. They were limited to a single city. The Romans made them world-wide. It was a very fortunate thing that Greek and Roman civilization came into contact. They worked well together. The Romans added what was lacking in the Greeks and between them they gave much to later civilization. They are among the "makers of America." Many of our government buildings in Washington are patterned after Greek models. Greek and Latin are taught in our schools. Greek art abounds in our art galleries. Our engineers have studied the roads, sewers, and aqueducts of Rome. Roman law is taught in our universities. The alphabet used on this page and the numerals at the heads of the chapters are Roman; and last, and by no means least, it was the Romans who brought the Christian religion to those nations who discovered and colonized the United States of America.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. How do you account for the marvelous spread of the Christian religion in spite of the bitter persecution?

2. The catacombs of St. Calixtus on the famous Appian Way, a short distance out from Rome, may be visited to-day. Here you will see the underground rooms in which the early Christians worshiped when it meant death to admit being a Christian.

3. Why was Constantine's conversion of so great importance?

4. Why was it fortunate that Greek and Roman civilization came into contact? Name as many Greek gifts to the world as you can.

5. Do not forget the names of some of the famous old Greeks and Romans. Go back to previous chapters and make a list of at least six of each nation, adding to their names what it was that they did that made them so notable.

6. The Treasury Building and the Lincoln Memorial in Washington are good examples of Greek art.

PRONOUNCING LIST

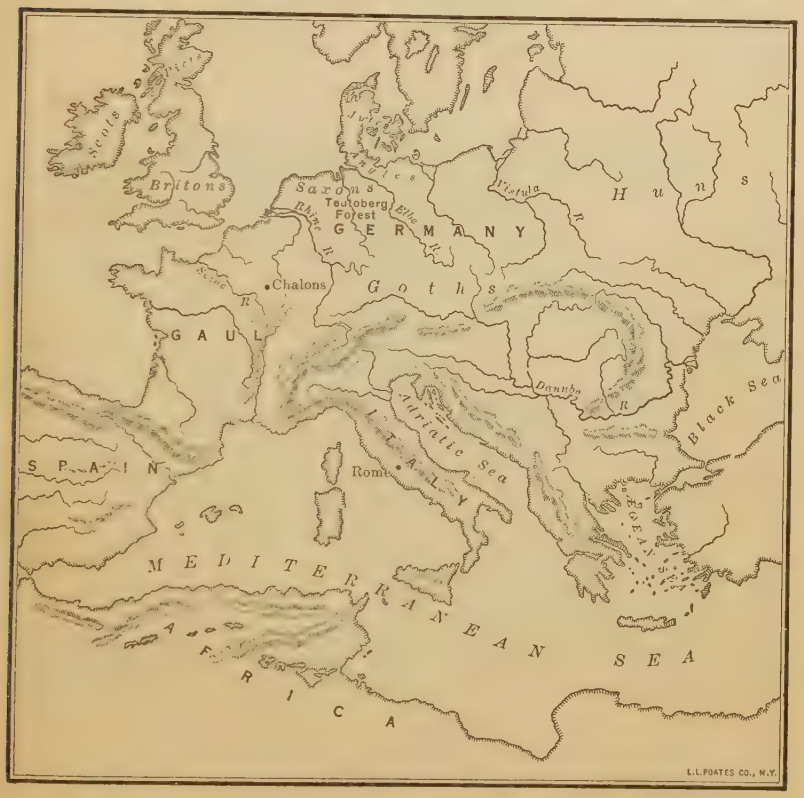
Appian. ăp'ĭ-ăn
Calixtus. kă-lĭks'tŏŏs
Constantine. kŏn'stăn-tīn
Judea. jōō-dē'*a*
Marcus Aurelius. mär'kŭs ô-rē'lĭ-ŭs
Nero. nē'rō

CHAPTER XI

THE GERMANS, THE SUCCESSORS AND HEIRS OF THE ROMANS

We now bid good-bye to the Romans and seek an introduction to their successors and heirs, the Germans. After the Roman had conquered the world, he seemed to have nothing else to do. So he gave himself up to ease, idleness, and luxury. He became indolent and sluggish, both in body and in mind. He seemed to lose his old-time vigor and patriotism and to care more for gambling, chariot races, gladiatorial shows, and the tricks of politics. There was fighting enough to be done, of course, but he preferred to hire some one to do it for him. A nation made up of such men cannot last long, so we will now see how the Romans were compelled to step aside and give way to the vigorous and hardy Germans.

The Germans. While the Romans were building up a great empire about the Mediterranean Sea, another and a very different people had their homes east of the Rhine



EUROPE IN THE EARLY CENTURIES OF THE CHRISTIAN ERA

and north of the Danube River. These people were called Germans. In one sense these Germans were not worthy successors of the Romans, but in another sense they were. They were not so highly civilized as the Romans — in fact, the Germans at this time were rude barbarians —

but they had the vigor and the industry which made them prominent in Europe at a later time.

The country of the Germans at this time was not inviting. It was rough and rugged and covered, for the most part, with dark forests and unhealthful swamps. The climate was severe and living was hard. The people lived

A German Homestead

The early German lived an independent life in the forests and among the mountains. He was a good fighter and a bold hunter.

in rude huts, huddled together in little clusters, somewhat like the wigwams of an Indian village. They made a living by hunting, fishing, caring for their flocks, and by a very primitive kind of agriculture.

The Germans were fair, tall, and strong and when not fighting were idle, for all work was done by women and

slaves. They were great drinkers and gamblers, and often in their games a man would stake his freedom upon the result. If he lost he became the slave of the winner. The Germans worshiped heathen gods, prominent among which were Woden, the god of the sky, and Thor, the god of thunder and lightning, from whom we derive the names of our days, Wednesday and Thursday.

The German Invasion. It was natural enough that these restless barbarians should cast longing eyes at the wealth and civilization of the Roman Empire. The beautiful fields, the fine homes, and the mild climate attracted them and soon they began to make forays and inroads into various parts of the Roman world.

Now, while the Romans conquered other peoples, they never made much headway against the Germans. Julius Caesar, it is true, drove Ariovistus, the Germanic chieftain, back into his forests and punished his followers, but generals like Caesar were very scarce in Rome in the later days. Even Augustus tried to make a conquest of the Germans but was compelled to give it up. In the year 9 A.D., he sent his general, Varus, at the head of an army against the Germans. Hermann, the great Germanic chieftain, however, rallied his people and destroyed the Roman army in the Teutoberg Forest. Augustus was sorely grieved and cried out in despair, "Oh, Varus, Varus, give me back my legions." Varus could not do so, however, as the bodies of his soldiers were scattered widely over the country and their bones had been left to whiten in the German forests.

The Battle of Adrianople (378 A.D.). After the Romans stopped sending armies against the Germans, the Germans

began to send armies against the Romans. The tables were turned and the Romans were now fighting on the defensive.

The first great German invasion of Roman territory came about in this way. The Goths, a German tribe, were living at peace north of the Danube River. Sud-

THE VICTORIOUS GERMANS RETURNING FROM TEUTOBERG FOREST

denly the terrible Huns appeared from Asia, fell upon them, and drove them from their homes. These Huns were a fiendish set of stunted, blood-thirsty men. They were almost dwarfs in size, but their small bodies were filled with a terrible vigor. Small beady eyes glistened in their yellow, weazened faces. Their faces were also beardless and scarred. It was their custom to burn the faces of their boys with hot irons in order to make them fierce in appearance.

When these hideous dwarfs appeared upon the Danube

the Goths were thrown into confusion. About two hundred thousand of them huddled on the north bank of the river and implored the Roman Emperor to permit them to cross over. Permission was granted and a huge German colony was formed within the limits of the Roman Empire.

The Romans began at once to plunder and oppress the fugitives, and the Goths immediately took up arms and defeated them in the famous battle of Adrianople. The emperor was killed and a large part of his army destroyed. This victory encouraged the Goths and made them feel as much at home in the empire as if they had a right to be there. Meanwhile the Huns were not idle, as we shall now see.

A Hun

Attila and the Huns. After their victory over the Goths, the Huns settled down in what is now Hungary and became a strong power. Their king, Attila, built a log cabin for a capitol and was looked upon as the leader of his race, both in Europe and in Asia. Attila was a terrible man, and he set out upon a campaign of death and destruction in Gaul. An army of these fierce little fiends, riding on their fleet ponies like a cyclone, slaughtered men, women, and children, destroyed crops and applied the torch to cities as they went. It looked as though this storm-cloud of destruction might sweep over all western Europe, but fortunately the Romans and the Germans united to check the course of the Huns, a common enemy.

The Battle of Châlons (451 A.D.). They met Attila a

short distance from Châlons and there fought one of the fiercest and most decisive battles known to the history of the world. It was war to the knife, with no quarter given or asked. The battle made a vivid impression upon the people of the time, and we are told that "the blood from the thousands of wounds swelled to a torrent the brook which flowed through the field of battle." It is impossible to tell what would have happened to the world

ATTILA, "THE SCOURGE OF GOD"

if the Huns had won the battle of Châlons, but it seems certain that the march of civilization would have been stopped for a time, if not forever; and this is why this battle is so important.

Attila was defeated and driven out of Gaul, but he appeared in Italy during the following year. People flew from his presence as they would from a prairie fire. Some of those who escaped with their lives sought refuge among the islands of the Adriatic Sea. This miserable settlement afterwards became the great and picturesque city of Venice. Attila then pressed on and threatened Rome, but the good

bishop, Leo, induced him to spare the city. He finally left Italy and died soon after, and the great empire of the Huns fell to pieces. With the Huns out of the way, the Germans found it a much easier task to get possession of the Roman Empire.

The Germans in Britain. While the Germans were taking possession of the Roman Empire, even remote Britain was not overlooked. Just about the time the Germans and Romans were combining to crush the Huns at Châlons, little bands of Germans, known as Angles, Saxons, and Jutes, began to emigrate to Britain from the northern part of Germany.

You will remember that about a hundred years after the visits of Julius Caesar to Britain, the Romans added to the empire the country which we now call England. The Romans remained in control of England until 410 A.D., at which time the Germans under Alaric, a talented young noble who had been elected chieftain, were attacking Rome. This made it necessary to recall the Roman soldiers from Britain in order to defend the capital city, and so the island of Britain was turned back again to the control of the native inhabitants. These inhabitants had, however, been protected so long by the Roman army that they did not know how to protect themselves. They were, therefore, an easy prey for the savage tribes around them. The Picts from Scotland and the Scots from Ireland plundered and killed the weak and defenseless Britons. They hardly knew what to do, and, in their despair, they asked the Romans to send back their soldiers to protect them. This Rome could not do, as she had more serious business on hand. Just at this time, so the story goes, a

band of Jutes under their leaders, Hengist and Horsa, landed in the southeastern part of Britain in what is now the county of Kent. These Jutes were reckless rovers and pirates, ever ready to plunder or to fight. To them the Britons turned for assistance. They asked them to join in the war against their fierce neighbors. The Jutes agreed, turned in, and lent a hand. The result was that the combined Britons and Jutes were successful.

Just at this point, however, a very unexpected turn took place. The Britons thought that since the fighting was over the Jutes would go their way rejoicing. But the Jutes could not see it in that way. They said that they liked the country and the climate much better than they did their own frozen north and that they had decided to stay and to make themselves at home in Britain. And so they stayed. Not only this, but their relatives and friends came trooping after them and continued to come for one hundred and fifty years. By that time, the newcomers had possession of all the land now known as England, and the movement, known in history as the Anglo-Saxon conquest, was complete. It should be remembered, however, that the Germanic people never obtained possession of what we now call Scotland, Wales, and Ireland. The inhabitants of these latter countries were called Celts, of whom we shall learn more later on.

The Roman Empire becomes a German Empire. And so the Germans were grabbing territory in all parts of the Roman Empire, and finally they brushed aside the Emperor Augustulus and put their own chieftain, Odoacer, in his place. The Germans fought many other battles on Roman soil, but the one great and important thing to be re-

membered is, that, little by little, the Germans overran the whole Roman Empire and that in 476 they put one of their own number upon the throne at Rome. At this date the empire ceased to be Roman and became German.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Suppose the Huns instead of the Germans had been successful in overturning the Roman Empire, what difference would it have made?
2. The Romans, Germans, and others seemed obliged to do a great deal of fighting. Civilized nations are still fighting. Do you think the time will ever come when nations will settle their difficulties without warfare?
3. Why were the Huns feared so much?
4. What can you say about Attila, Adrianople, Châlons, Picts, Scots, Jutes, Angles, Saxons, Goths?
5. What was the Anglo-Saxon Conquest?

PRONOUNCING LIST

Adrianople. ăd′rĭ-ăn-ō′p'l
Alaric. ăl′ȧ-rĭk
Attila. ăt′ĭ-lȧ
Augustulus. ô-gŭs′tŭ-lŭs
Châlons. shä′lôn′
Goths. gŏths
Odoacer. ō′dō-ā′sēr
Picts. pĭkts
Teutoberg. toi′tô-bûrg
Thor. thôr
Varus. vā′rŭs
Venice. vĕn′ĭs
Woden. wō′dĕn

CHAPTER XII

THE SPREAD OF CHRISTIANITY

"The torch of knowledge which antiquity had kindled had fallen from the hands that held it, and burned but feebly on the ground."

The Dark Ages. Now let us ask, what effect did these German invasions have upon the civilization of the Roman Empire? It received a marked setback, as we might expect, in more ways than one. The Germans were, for the most part, barbarians and only a very small fraction of them had been converted to the Christian religion. They were not interested in books or works of art and they scoffed at the refining influences of life. It seemed for a time as if the lights of learning had been snuffed out by the hands of these rude, barbaric Germans. The masses of the people were not being educated and the writing of books had almost ceased. This state of things lasted for several centuries and this period is commonly known in history as "The Dark Ages." We shall see later, however, that these ages were not really so "dark" as they appeared to be.

Thus the German was a destroyer and spread devastation over a large part of the map of Europe. It took the various countries many long centuries to recover from this setback at the hands of the barbarians. In this recovery the Germans had their part. Many hundred years passed

St. Augustine Preaching before King Ethelbert

ENGLAND IN THE MIDDLE AGES

This map shows the scene of the battle between William, the Duke of Normandy and Harold, the King of England. It also shows the location of Canterbury, the home of the famous Canterbury Cathedral. A little to the east and north of Canterbury is the landing place of St. Augustine and his forty monks and also of the Jutes under Hengist and Horsa. To the west of Canterbury is Runnymede, where King John signed the great charter.

before they began to appreciate the best things that had been done by the Greeks and Romans, but they were a patient, plodding and industrious people, and to what was left of civilization they added many ideas, customs and ways of living of their own. The German spirit in these simple times was very different from the Prussian spirit of the present day. It seems a pity that the Germans should later on, in the World War, direct their energies towards the destruction of civilization rather than towards the upbuilding of it.

The Spread of Christianity. One of the most powerful forces in rebuilding the civilization of the empire was the spread of Christianity. In connection with this work, we find the names of many great leaders in the Christian Church.

St. Augustine and his Forty Monks. The story of St. Augustine and his band of forty monks will illustrate the way in which the missionaries carried the Gospel of the Cross to the German tribes. Gregory was a pious monk who was afterwards known as Gregory the Great, on account of his notable work for the Christian Church. While passing through the slave market of Rome one day, he saw some beautiful fair-haired boys being offered for sale. He asked who they were and where they came from and whether or not they were followers of Christ. He was told that they were Angles from England and that they and their people were still heathens. "Not Angles, but angels," said Gregory, "and the praise of God will yet be sung in their land, so that their fair souls may some day become angels in heaven."

Some years later, this same Gregory became Pope of Rome and he still remembered the fair boys in the market-

place. He accordingly sent St. Augustine, another monk, with forty companions, as missionaries to the land of the Angles. This small band of pious men landed in the county of Kent in 597, where the Jutes, Hengist and Horsa, had landed nearly one hundred and fifty years before. Now it so happened that the king of Kent was Ethelbert, and that his wife, Bertha, was a Frankish princess and a Christian. So when St. Augustine sent word to the king that he had come to tell him and his people about Christ, Ethelbert received him kindly, but insisted that the meeting be held in the open air, so that no harm could be done him by the magic of the strangers. The monks then came into the presence of the king and queen, chanting the Litany and bearing a large silver cross on high and a rude picture of Christ, painted upon a board. St. Augustine then explained the new religion to the king and his attendants. Ethelbert listened attentively to every word of the missionary and then said: "Fair are your words, but also new and strange. I may not forsake the gods of my fathers, but as for my people they may believe whatsoever they will and no man shall hinder them."

GREGORY AND THE ENGLISH SLAVE CHILDREN

St. Augustine and his companions then settled down in Canterbury to teach and to preach the Gospel of Christ. At first they used Queen Bertha's chapel, but later an old church of the Roman times was repaired and became the predecessor of the present famous Canterbury Cathedral. Other buildings were erected and the little religious colony spread and prospered.

The monks lived an exceedingly simple life, preaching to all who cared to listen to them and giving no thought to the accumulation of riches. In the course of time, Ethelbert and thousands of his people were baptized into the Christian faith, and fifty years after the coming of St. Augustine almost all of England had been rescued from heathenism. "The civilization, arts, and letters which had fled before the swords of the English conquerors returned with the Christian faith."

Missionaries to the Germans. Other missionaries were doing the same kind of work among the Germans. In the course of time all of the Germans cast aside the worship of Thor and Woden for that of Jesus Christ. The reception of these missionaries was not always so pleasant as that of St. Augustine and his companions. Sometimes they were put to death in a most painful and brutal way. This, however, did not check the progress of Christianity. It really seemed to hasten it. "The blood of the martyr is the seed of the church." The murder of one missionary made his companions more eager than ever to spread the Gospel.

The Cathedrals. One of the most beautiful results of the spread of Christianity over Europe was the building of the famous cathedrals of the Middle Ages. Americans

traveling in Europe always make it a point to visit some of these great buildings. The Chartres Cathedral in France is one of the finest specimens of Gothic architecture in the world. It was begun in the eleventh century and finished by 1240. Some of the cathedrals were Romanesque in style, with rounded arches and domes, while others were Gothic, distinguished by the sharp, pointed arch, the tall slender spire, and profuse ornamentation. The cathedral at Durham in England is a good example of the Romanesque.

CHARTRES CATHEDRAL

The Monasteries. The monks were religious bodies of men who lived together in monasteries. Sometimes they lived secluded from the outside world and again they mingled with the people. These monks lived under very strict rules of discipline and usually took vows of "poverty, chastity, and obedience."

The monks were also the best farmers of their day. Some of them, especially those of the order known as Benedictines, were hard workers. They cleared off the forests and drained the swamps and changed useless and desolate regions into beautiful and fruitful fields.

The monks were also the most zealous missionaries of the time.

The Monks as Educated Men. The monks performed

still another great service. In the quiet of their cloisters they preserved the learning of the Roman world. They, together with the priests, were the best educated men of the Middle Ages and the monastery became the center of education. Schools were established by the monks and many of these later became the famous universities of Europe. Printing was not known in the Middle Ages and

Writing Room of a Monastery

the monks preserved and multiplied books by copying them by hand. If they had not done this, probably most of the books written by the great Greek and Latin authors would never have come down to us. In doing this work, some of the monks became very skillful. They would take a sheet of parchment and line it with a straight-edge and awl. They would then print the copy, making each letter by hand, and with the greatest of care. A space was left at the head of each chapter and in this some monk having artistic ability painted a picture or an

ornamental letter, called an "illuminated capital." The copying of an entire book was a very slow process and sometimes occupied many months. The monks spent a certain time each day in the writing room of the monastery. Here absolute silence was the rule. If a worker wanted some material, he made a sign to the master. No word could be spoken.

In addition to all of the above, the monks cared for the sick and gave alms to the poor. In doing the work of charity, the women, who were called nuns, were also a great assistance. In some instances the monastery and the nunnery resembled our modern hospitals. One of the most famous monasteries in Europe was situated at St. Albans, about forty miles northwest of London.

The Work of Charlemagne. Charlemagne, or Charles the Great, probably did more than any other one man to rebuild the civilization which the early Germans had torn down. Charlemagne was a tall, muscular man, who delighted in all forms of athletic exercises. He was a fine rider, a skillful hunter, and an expert swimmer. His great strength and good health undoubtedly helped him very much in governing his empire.

You will recall that the Germans set aside the Emperor Augustulus and put Odoacer, one of their own chieftains, in his place. Now, Charlemagne may be looked upon as a successor of Odoacer. On Christmas Day, 800, he was crowned by the Pope as Emperor of the Roman Empire in the West, which was now in reality a *German* Empire. It was his ambition to bring all the German peoples together into one great Christian empire, and he was remarkably successful in doing this. He did so much good

that he was looked upon as the "Hero of the Middle Ages." He improved the government, extended the church, and educated his people. He urged the clergy to

CHARLEMAGNE BEING CROWNED EMPEROR

be more studious themselves and also to gather together the children, of both serfs and freemen, and teach them to read. Large numbers of schools were established in this way and some of them became famous. He also established what was known as the "School of the Palace,"

CHARLEMAGNE

for his own children and those of the nobles about the court. He placed an Englishman, named Alcuin, at the head of the school and imported distinguished men from Italy and other countries as teachers.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Compare the Roman Empire of Caesar's day with Charlemagne's Empire.

2. Observe on your map the three divisions of the Empire. Of what importance has the middle division been in the recent World War?

3. What do we owe to the church of the Middle Ages?

4. The "Book of Kells," made by the monks we have been studying about in this chapter, is said to be the most beautiful book in the world. Would you not like to find out more about it?

5. Who was the "Hero of the Middle Ages"? Why?

6. What great purpose did the "Monastery Writing Room" serve?

7. Who said, "Not Angles, but angels"?

8. Who was St. Augustine?

PRONOUNCING LIST

Alcuin. ăl'kwĭn
Benedictine. bĕn'ē-dĭk'tĭn
Chartres. shär'tr'
Hengist. hĕn'gĭst
Horsa. hôr'sä

CHAPTER XIII

ALFRED AND THE ENGLISH

We must now leave the story of the continent of Europe and go over to the British Isles and see what was taking place there. You will remember that the Angles, Saxons, and Jutes came from what is now the northern part of Germany and took possession of England, in the so-called Anglo-Saxon conquest. The native Britons were either put to the sword or driven over into Wales or Scotland

or across to Ireland. A few may have been kept as laborers and household servants.

These Germans did not invade Britain all at the same time, but came stringing along for a hundred and fifty years, a few boat-loads at a time. Each little company had its own chieftain or king, so that England was not under the rule of one head but of many heads. The Angles, Saxons, and Jutes, however, were all Germans, and so after a time these petty kingdoms began to unite. At one time there were seven, known as the Heptarchy. A little later the number was reduced to three, and finally all England was united under one head.

King Alfred. One of the earliest and greatest of England's kings was Alfred. Alfred was the Charlemagne of his country and is known in history as Alfred the Great. These two men, Charlemagne and Alfred, were the piliars of light in the Dark Ages.

Alfred was born at Wantage, in England, in the year 849. When a boy of seven, his father, who was king of England, took him on a visit to Rome. Here they remained a year and Alfred was greatly interested in everything that he saw. The city, with its great buildings, was much finer than anything which he had ever seen in his native land. Alfred and his father were also presented to the Pope and received by him with great honor.

Alfred was not a robust boy, but he was very fond of hunting and later became a valiant leader in war. He was also interested in books and learning, even when he was quite young. The story is told that his mother was accustomed to read poems to him and to his four brothers. They were greatly interested and the mother promised

a beautiful set of the poems to the boy who should first learn to read. Alfred, though the youngest, won the prize. In those days, very few boys — or men for that matter — outside of the churches and monasteries could read or even write their own names.

At the age of twenty-two, Alfred became king. He took his duties very seriously. It is said that he gave eight hours a day to sleep, food and exercise, eight hours to public business, and eight to religious and church work. By doing his work in this systematic way, he accomplished a great deal in his comparatively short lifetime.

KING ALFRED LEARNING TO READ

The Coming of the Danes. Alfred's great military work was the fighting of the Danes. For many years before the beginning of his reign, the Danes had been coming to England. They came in much the same way that the Angles, Saxons, and Jutes had come some time before. The home from which they came was also near the old home of the followers of Hengist and Horsa. The Danes, too, were very much like their predecessors. They were barbarians and worshipers of Thor and Woden, and being heathens, they had no respect for churches or monasteries. These they plundered on every hand and carried away gold and silver ornaments, costly vestments,

ALFRED THE GREAT

Alfred is looked upon as one of the greatest and best kings of England. His one great wish was to be of service to his people. He succeeded.

and jeweled vessels. They also drove away flocks of sheep and took grain from the barns for their food.

At the time that Alfred became king, these pagan Danes were threatening to take possession of all of England. Alfred took the field against them in person. He built boats and he has sometimes been called the "Father of the British Navy." He also reorganized the land army, marching one half of the men against the enemy and leaving the other half to till the land.

Alfred and the English fought bravely but the Danes drove them back and the good king was compelled to flee for refuge into the swamps of Somerset. Here he lived in the humble hut of a cowherd, unknown to the kind people who had given him protection. One day, it is said, the wife of the cowherd had put some loaves of bread to bake over the open fire before which Alfred sat, thinking of his sad plight and planning some method of escape for his people. The loaves began to burn and the odor of the burning bread caused the good woman to enter the room and upbraid Alfred for his carelessness. "You, man," she cried angrily, "you will not turn the bread when you see it burning, but you will be very glad to eat it when it is done." An old English writer puts the rebuke in this way: —

"There, don't you see the cakes on fire?
Then wherefore turn them not?
You're glad enough to eat them
When they are piping hot."

The Battle of Wedmore (878). Maintaining this disguise for some time, Alfred finally completed his plans for the attack. He came out of his hiding place, and rally-

ing his men, defeated the Danes in the battle of Wedmore (Wet Moor). He was not able to drive them out of the country, however, and so he made a treaty with them, giving them all of the northern and eastern parts of

KING ALFRED AND THE BURNING CAKES

England — a district which was later known as the Danelaw.

Alfred's Works of Peace. King Alfred, however, was greater in peace than he was in war and did many things to improve the condition of his people. In the first place, he revised the laws of England and made them more just and uniform than they had ever been before. "Those

which seemed to me the most right," he said in speaking of his laws, "those I have gathered together, and rejected the others." One of his laws was this: "If any one dig a water pit, or open one that is shut up and close it not again, let him pay for whatever cattle may fall therein." Many of his laws, naturally enough, in this rough age, had to do with criminal offenses, but the penalties were merciful. His ambition was to have just laws and upright judges. *He also saw to it that the laws were enforced.* It was said that if golden apples grew upon trees by the roadside during Alfred's reign, no one would dare to pick them.

Alfred, like Charlemagne, was a devoted friend of education. He established many schools and brought in learned churchmen and others from Wales, France, and Germany to teach in them. One famous school was attached to his court for the benefit of the young nobles. One of the most noted teachers brought in from the outside was good Bishop Asser, who came from Wales. It was this bishop who taught Alfred himself to read Latin.

Alfred was also active in religious matters. Churches and monasteries had suffered greatly at the hands of the pillaging Danes, and Alfred set about vigorously to repair the work of destruction. He rebuilt old churches and abbeys and constructed several new ones.

He also had the missionary spirit. When Guthrum, king of the Danes, was defeated at Wedmore, Alfred compelled him to become a Christian. Guthrum was baptized and became the guest of Alfred for several weeks, during which time there was much feasting and rejoicing.

A Danish Raid in Britain

Alfred as an Author. Alfred's services to literature were also notable. Indeed, Alfred's writings and translations have been called *the beginning of prose literature in England.* He learned Latin from Bishop Asser long after he became king, and translated several books into English and wrote introductions to them. Among other works, he translated a "History of the World." This was a notable service to the English people who were not able to read Latin. But Alfred was extremely modest about it. He said, "Do not blame me if any know Latin better than I, for every man must say what he says and do what he does according to his ability." There was really no necessity for such an apology as that, since Alfred's English style was excellent.

It is really difficult to stop telling about Alfred because he did so many good things. But what he *was* was just as important as what he *did.* He was a lovable, devout, simple, and sincere man. A recent writer says, "In all the records of him that exist, there is not a single statement that puts a blemish upon his great and good character." He died in the year 901, at the age of fifty-two, and now lies buried in Winchester Cathedral in southern England.

Canute Becomes King (1017). We have noticed that Alfred defeated the Danes at Wedmore but that he was not able to expel them from England. According to a treaty which he made with them, they were to occupy the Danelaw and to acknowledge him as their overlord. This arrangement seemed to work well and the wild Danes were being tamed. They were adopting the manners and customs of civilized life and were becoming more like Alfred's people.

Things went well during the lifetime of Alfred, but one of his successors was a weak king, called Ethelred the Unready. In Ethelred's time, a great horde of Danes came and set about to take possession of the entire country. Ethelred did not care to fight as Alfred had done so he bought off the Danes; that is, he gave them money on condition that they leave England. They did leave England according to their agreement — but they returned the very next year and in greater numbers than ever. The result was that not many years after, Ethelred and his family were compelled to flee from England and the Danes placed one of their number, King Canute, upon the throne.

Canute was now king of England and Denmark at the same time and, although he had a very difficult task to perform, he did remarkably well. He ruled England for eighteen years in a kind and fatherly way and treated his English subjects just as well as he did the Danes.

While Canute was a just and fair man, however, he expected to be obeyed. It is said that on one occasion the king seated himself on the beach and noticed that the tide was rising and coming in his direction. He commanded it to stop in these words: "O Sea, I am thy lord. My ships sail over thee whither I will, and this land against which thou breakest is mine; stay thou thy waves, and dare not wet the feet of thy lord and master." But the tide came in and wet the royal feet and Canute was so chagrined that he vowed he would never wear the crown again.

But while Canute was a wise and good king, his two sons who succeeded him were very different from their father and upon the death of the second of these, in 1042,

the Danish line came to an end. There seemed to be no other man of the Danish royal house who would make a good king and so the Witan, the assembly of the wise men, chose Edward, son of Ethelred the Unready, to be the king of England.

The Northmen in America. We have noticed that the

King Canute and His Courtiers

Angles, Saxons, Jutes, and Danes were swarming out of their homes and making new homes in other lands. While the Danes were taking possession of England, their kinsmen from the Scandinavian peninsula were also roving the seas. These sea-rovers are called Vikings, not because they were kings, but because they lived on a vik, or bay. They plowed the seas in long, swift, canoe-like boats with high prows, sometimes bearing the head of a

dragon or other animal. Their boats were driven partly by sails and partly by oars. The shields of the rowers were hung over the side of the boat and the hardy Vikings sometimes escaped, after being defeated in a sea-fight, by swimming away under the protection of their huge shields.

It was a band of these Vikings, usually called North-

Norsemen Landing in America

men, or Norsemen, who came to America about five hundred years before Columbus did. Leif Ericson, known as Leif the Lucky, after stopping at Iceland and Greenland, where his people had already founded colonies, sailed to the coast of North America. He named the place "Vinland," because of the abundance of wild grapes which he found there. Leif and his companions, about thirty in number, spent the winter in Vinland and founded a colony.

Their colony was abandoned later and no trace of it has ever been found. In fact, its exact location is still a mystery, but it was probably somewhere within the present boundaries of Rhode Island or Massachusetts.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Why are Charlemagne and Alfred called "the pillars of light in the Dark Ages"?
2. Could you see in Rome to-day any of the great buildings Alfred saw more than a thousand years ago?
3. What do you think was Alfred's greatest service to England?
4. Did Alfred do anything which is of benefit to us at the present time?
5. Why do we not give credit to Leif Ericson and the Northmen for the discovery of America, rather than to Columbus?
6. Name some of the kings who succeeded Alfred. What did Alfred's influence and contact with the pagan Danes do for this people?
7. What was "The Witan"?

PRONOUNCING LIST

Asser. ăs'ẽr
Canute. ka-nūt'
Guthrum. güth'rüm
Heptarchy. hĕp'tär-kĭ
Wantage. wŏn'tăj
Witan. wĭt'ăn

CHAPTER XIV

THE COMING OF THE NORMANS

We must now turn our attention to still another invasion from the north. While the Danes were swooping down upon England, other Northmen from the Scandinavian peninsula were ravaging the northern coast of France. Finally, these sea-rovers and pirates became bolder and in 845 they sailed up the Seine River and captured the city of Paris. They plundered and laid waste the country in exactly the same way that the Danes

did in England. Finally, one of the kings of France, known in history as Charles the Simple, made a bargain with them very much like that which Alfred had made with the Danes, a few years before. He gave to the Norse leader, Rollo or Rolf, as he is sometimes called, a large tract of land in the northern part of France on condition that he and his men promise to aid him in war and also to accept the Christian religion. This was agreed to by the Northmen (912) and they settled down in their rich and pleasant country and became very prosperous. They also laid aside their barbarous ways and adopted the language and the refined manners and customs of the French. Their country took the name Normandy and they themselves came to be called Normans.

Edward "The Confessor." Now let us go back to England for a moment. We have already noticed that Edward, the son of Ethelred the Unready, was elected king of England by the wise men to succeed the last of the Danish kings (1042). Edward was well liked by everyone, but he was not a strong king. He was thirty years of age when he came to the throne and twenty-five of those years had been spent in Normandy. He was really more of a Norman than an Englishman and he brought with him a host of relatives, noblemen, and other friends from Normandy to fill the high offices in England.

While Edward was a timid man, he was also a very religious one and came to be known as Edward "The Confessor," or Edward "The Saint." The most notable thing which he did was the founding of Westminster Abbey in the city of London. The Abbey was a Christian church and monastery combined, and is now one of the most

famous buildings in the world. Edward lies buried in this Abbey, as do scores of England's most famous men, including Tennyson and Gladstone.

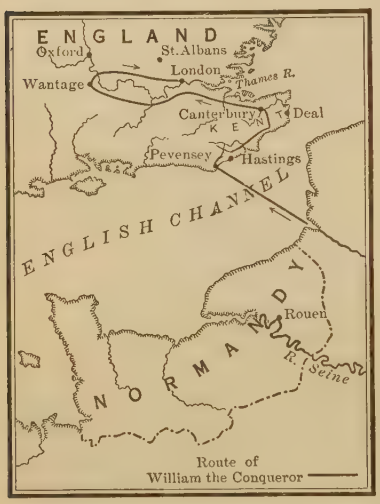
The Norman Conquest (1066). After a mild reign of twenty-four years, Edward died in the year 1066. Upon his death-bed he recommended as his successor a great warrior and statesman, named Harold. Harold, however, was not a member of the royal family, and yet upon the following day, the Witan, or the wise men, met and elected him King of England.

Westminster Abbey

William the Conqueror. At this time, William was the Duke, or the leader of the Normans. He was Edward the Confessor's first cousin and claimed that Edward had promised the crown to him upon his death. It is probable that Edward had done so, but the crown was really not his to give, and apparently Edward changed his mind before he died. William also claimed that Harold had promised to help him to become king of England. William was very angry when

he heard that Edward had died and that Harold had been made king. He was hunting when the news came to him, and he is said to have become "speechless with rage." He dropped his bow and made ready to lead an army into England.

Harold knew perfectly well that William would come to England to measure swords with him and so he placed an army on the southern coast of England to watch for his coming. Several months passed by and William failed to appear. Finally, when the harvest time came, Harold's army, made up largely of farmers, went to their homes to gather in the grain. The coast was thus left without defenders, and when William finally appeared in September, he landed his men without opposition. Harold, however, came a little later to meet him, and the armies met at Senlac, near Hastings, in southern England. The Normans, with their bows and arrows, were making ready to meet the Saxons with their battle-axes. When William was putting on his armor, he put the back side of it in front. His men were alarmed as they thought that a very bad omen. William, however, was equal to the occasion and remarked as he was making the change that he thought it a very good omen,



NORMANDY AND SOUTHEAST ENGLAND IN 1066

HAROLD'S LAST STAND AT SENLAC

for on that day a Norman Duke was to be changed into an English king.

The Battle of Senlac (October 14, 1066). The battle was long and hard. It lasted all day, with great loss of life. Harold was killed and the English were put to flight. As soon as Harold lay dead upon the field, William became the master of England and it is said that he sat quietly down among the dead on the battlefield to eat and drink. The visitor to this battlefield now sees the remains of what was once apparently an imposing building. These ruins are all that remain of an abbey built by William to commemorate his victory. The ruins stand on the spot where Harold fell.

WILLIAM THE CONQUEROR REVIEWING HIS TROOPS

William Made King of England. After his great victory at Senlac, William marched north, crossed the Thames River, and established his camp a few miles from the city of London. While here, noblemen, churchmen, and others came out from London, and invited him to

come into the city and be crowned. It is needless to say that William accepted the invitation and entered the city. On Christmas Day, 1066, he was elected king by the Witan and crowned in the famous Abbey founded by Edward the Confessor.

William the Conqueror thus became the founder of a new line of kings, known as the Norman kings. Many Normans also came to England with William and made their homes there. This brought about a number of changes in English life. New words were introduced into the English language and changes were made in the laws and in the church. The coming of the Normans was a good thing for England in many ways. The Normans were more refined and polished than the English, and the combination of "Norman brightness and charm" added to "English solidity and strength" proved to be a remarkably good one.

We should remember, however, that the main stream of civilization in England still continued to be *English* and not Norman. The civilization of England is a mixed one. The early Britons gave something to it; the Romans did also; the Angles, Saxons, and Jutes made their contribution; the Danes made theirs; and, finally, came the Normans with their valuable contribution. The most important of these elements, however, is the Anglo-Saxon, as we shall have occasion to see later.

The Reign of William. William was a very stern and harsh ruler but, on the whole, a very good one. A strong hand was needed in England at that time to keep the nobles in check. When William gave an order, he insisted upon being obeyed. "He was so harsh and cruel," says an

old writer, "that no one dared withstand him." In order to keep his people in subjection, he built fortresses in every town of importance, which he put in charge of his own men. The most noted of these is the famous Tower still standing in the city of London.

"The New Forest." In some ways William was selfish and unjust. Next to war, he loved hunting, and in order to have large shooting grounds, well stocked with game, he established what is known as "The New Forest." This was in Hampshire in the southeastern part of England. Here, in order to make room for his deer and other game, he drove the people from their homes and destroyed their villages. He seemed to care more for his game than for his people, and it is said that "he loved the tall deer as though he had been their father."

THE TOWER OF LONDON

The London Tower was a kind of fortress and prison combined, located on the Thames River. Many noted men and women were imprisoned in this building. It is now used as a military museum and as a barracks for the soldiers.

William the Conqueror died after ruling England for twenty-one years; and when he died it was found to be very difficult to purchase six feet of earth for him for a grave, because the people disliked him so much.

William the Second. William the Conqueror was succeeded on the English throne by one of his sons, known as

William Rufus, or William the Red, on account of his big red face. This William was a good soldier and a skillful hunter and kept his nobles in fairly good order, but not much else that is good can be said of him. He was vain and extravagant and spent the people's money very freely for his own base pleasures. He was also cruel and his habits were not good; so that when a charcoal man brought his body in his cart from the New Forest to Winchester for burial, there were no tears shed over it.

Henry II. Some of the early kings of England were good and some bad but one of them, Henry the Second (1154–1189), was particularly wise and just. Although Henry was a wise and good king, his last years were full of sadness. Men rebelled against him and his sons were among the number. When he found the name of John, his favorite son, at the head of the list of those arrayed against him he gave up the fight. "Now let things go as they will," he said in sorrow, "I care no more for myself or the world." A few weeks later he died — some said of a broken heart.

King Richard the Lion-hearted. The good Henry was succeeded on the throne of England by his son Richard, the famous crusader, known in history as "Richard the Lion-hearted." The new king was thirty-two years of age, tall, handsome, and kingly in bearing, and was soon looked upon as a national hero. He was a fine soldier, a good speaker, and a man of great muscular strength and courage. But he also had a terrible temper and was cruel and not always honest and truthful.

In one sense, Richard's reign is not important but, in another sense, it is. Richard was king of England for

ten years, but spent only eight months of that time in England. The rest of the time he was on the continent of Europe or in the Holy Land leading Crusades by which it was hoped to wrest Jerusalem and the sepulchre of Christ from the hands of the infidel Turks. He cared little for England. There is an old saying that while the cat is away the mice will play. And so while Richard was away on the Crusades, or the "Holy Wars of the Cross," the people of England began to think of their rights and liberties and to desire a part in the government. A few years later, as we shall soon see, these desires bore rich and abundant fruit.

RICHARD "THE LION-HEARTED," KING OF ENGLAND

Richard had a wild and turbulent career. After squeezing all the money that he could out of his English subjects, he set out with the crusaders for the Holy Land; and while he did not succeed in capturing Jerusalem, his marvelous feats of strength and daring struck terror into the hearts of the people of the East. He became a kind of bogey-man and for centuries Arab mothers were accustomed to frighten their children into silence by saying, "Hush, here comes King Richard."

On his way home from Palestine, his ship was wrecked upon the coast of Italy. Richard then determined to

continue his journey overland. He put on a disguise and announced himself as "Hugh, the merchant," wherever he went. He did this because he was afraid of falling into the hands of enemies. Finally, his identity became known and he was cast into prison where he remained for a year. He was at last released upon the payment of an enormous ransom by the people of England.

He then returned home and was received with wild enthusiasm as a popular hero. But in two months he was off again fighting against the King of France and others. Finally the news came to him that a large amount of gold had been found buried on an estate in southern France. Richard immediately appeared upon the scene and demanded a large share of it. Upon being refused, he laid siege to the castle and determined to take the money by force. One day, while riding his horse near the castle, he was struck by an arrow from the wall and mortally wounded. A short time after, and before the king died, the castle surrendered and Richard in a fierce outburst of temper ordered that every man, woman, and child within the castle should be killed except the man who shot the fatal arrow. Calling this unfortunate man before him, he asked, "What have I done to you that you should kill me?" "You have killed my father and my two brothers and have taken all their property," was the prompt reply. The man was set free. A short time after, Richard died and was buried at the side of his father in Westminster Abbey.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Read in any good encyclopedia a description of the Tower of London, or of Westminster Abbey, and report to the class. Try to make clear the

age, size, and historical importance of the Abbey. Be sure to tell the class about the coronation chair and the "Stone of Scone." Make clear how different the Abbey is from our churches. There in the Poet's Corner is the bust of one of *our* great poets, one whom you know and love. See if you can find out who he is.

2. Why was it necessary for William the Conqueror to use harsher methods than did Alfred?

3. Why is the Norman Conquest a turning point in English history?

4. Name some of the notable characteristics of Richard "The Lion-hearted." Why was he so called?

5. Can you tell the difference between the Normans and the Danes? Were they relatives? What did each bring to England?

PRONOUNCING LIST

Arab. ăr'ăb
Jerusalem. jĕ-rōō'sa-lĕm
Scandinavian. skăn'dĭ-nā'vĭ-ăn
Seine. sân

CHAPTER XV

KING JOHN AND THE FIGHT FOR ENGLISH LIBERTY

As soon as the lion-hearted Richard had breathed his last, his younger brother, John, became king of England. It is not a pleasant task to tell the story of King John, as he was the worst king that ever sat on the English throne. John had been disloyal to his father, Henry, and, as we read in the last chapter, had brought that good king in sorrow to his grave; and when his brother Richard was fighting for the Holy Land, he tried to get his kingdom away from him. He had a bad reputation before he became king and, when he ascended the throne, he more than lived up to it.

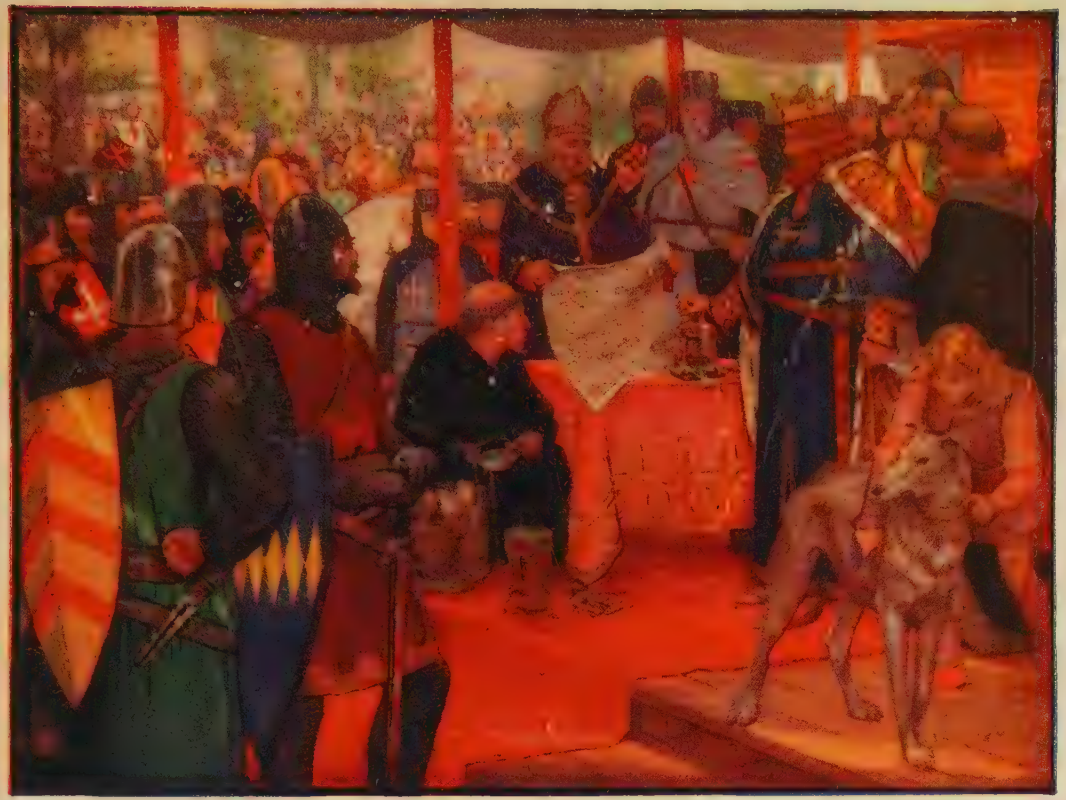
John had trouble with the king of France, the Pope, and almost everyone else that he had any dealings with.

The king of France seized John's French possessions and when John called upon his barons to march with him to recover them, they refused to do so.

John and the Pope quarreled over the appointment of an archbishop of Canterbury. John wanted one man and the Pope favored another. John was stubborn and the Pope placed England under the Interdict; that is, he prohibited all church services in that country. Marriages, funerals, and the ringing of church bells were not permitted. He also declared John excommunicated, or cast out of the Church. Also, to cap the climax, he took the kingdom away from John and then gave it back to him on condition that he pay the Church one thousand pounds per year for it. John agreed to all of these humiliating conditions and the money was actually paid for a number of years.

John kept on going from bad to worse, until finally the nobles and clergy thought the time had come to call, "Halt."

The Great Charter (1215). A large number of the leading men of England had a meeting to talk over their grievances. They came to the conclusion that they would compel the king, by force of arms if necessary, to govern England according to the old and historic laws. The demand was made and John refused it without consideration. His opponents, however, were not to be put aside. They marched upon London, gathering strength as they went, and when they reached that city, they found the gates thrown open to them. The nobles, clergy, and common people — all but a few personal friends — had deserted John and he was compelled, much against his will, to accept the terms submitted to him.



KING JOHN SEALS THE GREAT CHARTER

John met his people on a small island in the Thames River, near Runnymede, and signed the Great Charter (Magna Charta) on the fifteenth of June, 1215. This Charter was a very bitter pill for the king to swallow and it is said that John was speechless with rage and tore his hair when about to sign it. Another account says that he expressed his feelings by rolling on the floor and gnawing a stick.

This Charter is the most important document in English history and Englishmen prize it greatly. It is as important to the English as our Declaration of Independence is to us. In fact, it is a sort of Declaration of Independence and it has been called "the corner-stone of English history."

There is nothing new in the Great Charter. It simply contained a statement of old rights and liberties. Some of the kings, and John in particular, seemed to forget that the people had any rights and the Great Charter proved to be an excellent reminder. Some of its more important provisions may be stated as follows:

I. No tax shall be levied in the kingdom without the consent of the people.

II. No one shall be imprisoned or banished or punished in any way, unless convicted by a jury of his fellow-citizens.

III. To no one will we sell, to no one will we deny or delay right or justice.

These provisions meant that in the future, when a king wanted money, he would have to ask the people for it and not simply levy a tax as John and Richard had done without consulting anybody.

Some kings also threw men into prison and kept them

there for years without any trial at all, or, in some instances, after a very unfair trial. The Great Charter now provided that a man accused of crime should have a speedy trial before a jury and should not be compelled to bribe the judges in order to escape unjust punishment.

John, of course, never had any thought of living up to the Charter and said so plainly a short time after signing it. He knew that he would have to fight, so he hired some soldiers to fight against his own people. Defeat was staring John in the face when his end came. The exact cause of his death is not known. It may be that a large quantity of peaches and beer which he consumed did not agree with the royal stomach. Some say that he was poisoned by an enemy. However, the cruel and despotic John passed off the scene and very few tears were shed.

The House of Commons (1265). When John died, he left a little son named Henry, who was nine years of age. This little lad became king of England and was crowned Henry the Third. During the early part of his reign, of course, he had no part in the government, but when he became a man, he wanted to have his own way about everything. He resembled his father in many ways. He was a chip off the old block and did not seem to learn anything from the disastrous experiences of his father.

He was more French than English and loved to have foreigners in office and about his court. He also lavished money and favors upon them. This money he wrung from the people in the form of taxes. There was a clause against this in the Great Charter which he had taken a solemn oath to uphold. But that did not seem to worry Henry very much.

Henry was also more obedient to the Pope of Rome than most of his people wished to see him. They preferred to be more independent.

Simon de Montfort. Just at this time, a great man appeared as the champion of the people against the king. This man was Simon de Montfort, sometimes called Earl Simon. Earl Simon was a member of an old French family which had come to England some time before, and he had married the sister of the king. He was called Simon the Righteous. An old English ballad runs, "He hates the wrong, he loves the right." Earl Simon had his faults, many of them, but he was a brave man and a lover of liberty and a fine soldier.

When King Henry became unbearable, the people tried to put some restrictions upon him as they had upon his father at Runnymede. It was all to no avail, however, so the noble Earl raised an army and took the field against him. The battle was fought in southeastern England. Earl Simon was victorious and captured the king and the entire royal family.

With the king in his power, Simon de Montfort had control of the entire government. He made one change which proved to be of great importance. The Great Council which represented the people in the government was composed up to this time of nobles and clergymen, exclusively. Earl Simon said that the common people, the plain citizens without titles, should also have a voice in the government. And so he called a meeting of Parliament, as the Great Council was now coming to be called. To this Parliament he invited the nobles, the clergy, and the common people as well. *This was the be-*

ginning of the House of Commons in England (1265) *and Simon de Montfort was its founder.*

Parliament. The word "parliament" comes from a French word which means to speak. It therefore means a place where things are spoken about or discussed and

HOUSES OF PARLIAMENT

This beautiful building covers eight acres on the banks of the Thames River in London. It is the home of England's law-making body.

debated. When the commoners first appeared in Parliament, they were snubbed and scoffed at and did not have much influence. At first, they sat in the same room and debated matters of government with the nobles and clergy. But, after a time, they sat in a chamber by themselves and came to be called the House of Commons, while the chamber made up of the nobles and clergy was called the House of Lords. These two Houses now constitute the governing body of England and correspond to our Congress, which

also consists of two houses, the House of Representatives and the Senate.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. We in the United States take it for granted that the *people* shall rule. You see in this chapter at what cost this right was maintained, which to these people was as dear as it is to us. You know, of course, that this struggle of the people is an old, old one and that it is still going on in many countries to-day.
2. What effect do you think this successful resistance by the people of England had, when at a later date their rights were seriously threatened?
3. When another tyrannical King of England trespassed on the sacred rights of the English Colonies in North America they resisted and won their independence. This was the beginning of the United States.
4. Is the Magna Charta of any importance to Americans?

PRONOUNCING LIST

Parliament. pär′lĭ-mĕnt
Runnymede. rŭn′ĭ-mēd
Simon de Montfort. sī′mŏn dē mŏnt′ fôrt
Thames. tĕmz

CHAPTER XVI

ENGLISH LIFE IN THE MIDDLE AGES

The Romans loved the city; the Germans the open country. While the Romans had possession of the empire, it was dotted from end to end with cities and towns. The Romans loved city life and found their greatest enjoyment and culture within city walls.

When the Germans overran the empire, however, a great change took place. Many of the cities were destroyed during the German invasions and many more were abandoned and left to tumble into ruins. A few great cities, like London, continued to the present day and, as civilization advanced, new cities were built or old ones

were revived. Near the close of the Middle Ages, the city was an important factor in the civilization of the time.

The City of the Middle Ages. The city was the center of the best civilization and the greatest activity. In the first place, it was the home of art. Here was to be found the best in architecture, sculpture, and painting. The city seemed almost like a fairy land, with its gild halls, palaces, cathedrals, and ornamental gateways.

The city was also prominent in trade and commerce with distant points. Such cities as Antioch, Genoa, and Venice were extremely important commercial centers. And it should be remembered that commerce consisted of an interchange of ideas as well as an interchange of goods.

The city also, in connection with the university, became the home of education. Oxford and Cambridge are England's oldest and most famous universities. Oxford was probably founded n the reign of Henry the Second, to whom we have already referred, and is now one of the most noted institutions of learning in the world. It is made up of twenty-four or twenty-five different colleges, situated in the beautiful and interesting old city of Oxford. The colleges were founded at different times, some of them being added in quite recent years. Each college has its own courses of study, its own athletic teams and boat crews, and maintains its independent individuality in many ways. The athletic contests between Oxford and Cambridge Universities are among the great events of the year. The teams competing in these contests are made up of the picked men from the different colleges. These teams sometimes come to America to compete with teams representing American universities.

The city of the Middle Ages was small as compared with that of the present day. London had twenty-five thousand people, while the ordinary city had from fifteen hundred to four thousand. Some of these were very picturesque, nestling behind their strong walls.

A Section of a Medieval City

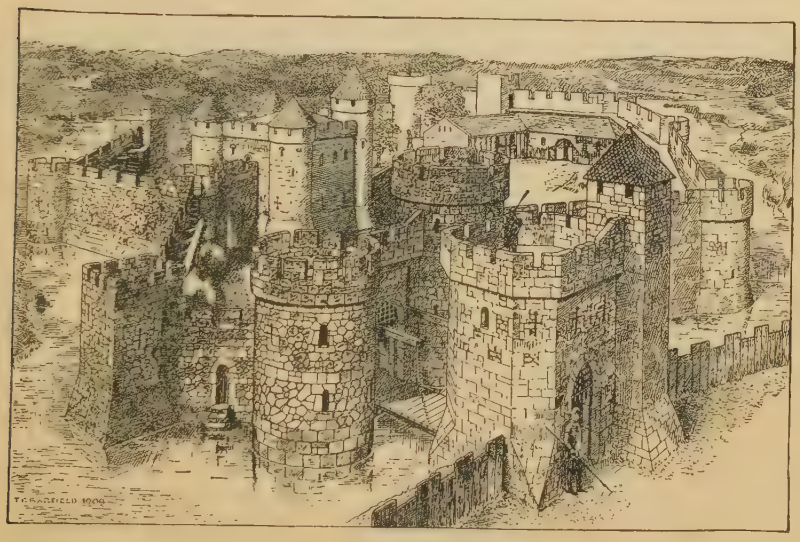
The Gilds. The most important organization of the medieval city was the gild. The Merchant Gild was made up of merchants, land owners, traders, and others, engaged in similar pursuits. The purpose of the gild was to promote the welfare of its members along all lines. The gilds sometimes did works of charity. One of the laws or rules of the gild was this: "If any of the brethren shall fall into poverty or misery, all the brethren are to assist him by common consent out of the chattels of the house or fraternity, or of their proper own." It was also provided that when a member died, his fellow gildsmen should "bear the body and bring it to the place of burial."

Another kind of gild was the Craft Gild. These craft gilds were made up of such craftsmen as the millers, bakers, shoemakers, dyers, skinners, weavers, and the like. Sometimes there were as many as fifty different kinds of craft gilds in the same city. You have probably come to the conclusion by this time that these gilds were somewhat like the labor unions of the present day. They regulated wages and the hours of labor. They prohibited working at night in certain crafts and devoted large sums to the work of charity among their members.

While the craft gilds corresponded to the labor unions of the present day, the merchant gilds resembled, to some extent, the employers', merchants', and manufacturers' associations of the present time. All of these different kinds of gilds attempted at times to gain control of the governments of the cities and they were able to do so in many instances.

The Village. The village was a collection of houses somewhat smaller than the city or town. The houses were usually poor and mean. Sometimes they had only one room and were without proper light, heat, or ventilation. In consequence there was much disease among the people. Sometimes the cattle were housed under the same roof with the family. The people who lived in these villages cultivated the land on the outskirts or pastured their cattle there. Some of the land was owned by individuals and some of it in common — as our parks are owned to-day. The people were not very good farmers and sometimes raised only eight or nine bushels of wheat or rye per acre, where thirty or more bushels are raised to-day.

Feudalism is the name which has since been given to a peculiar system of land-holding of those days. A nobleman or lord owning or controlling a large tract of land let it out to farmers for cultivation. These farmers paid rent for the use of the land and this rent was often paid in the form of military service; that is, the farmer fought in the



A Feudal Castle

army of his overlord for a certain number of days each year. The feudal lord, as the overlord was sometimes called, also exercised control over the men under him and in many instances actually governed them.

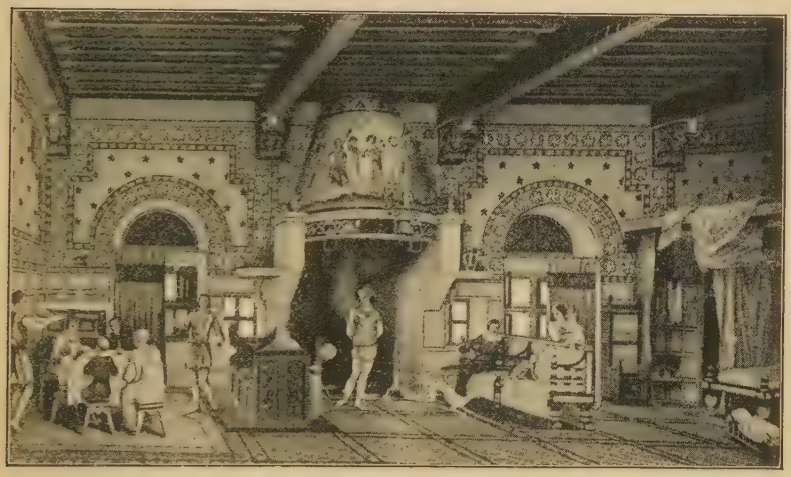
The Castle. In the center of a large plantation, and often upon some sightly hill-top, the castle of the feudal lord was built. These castles, in some respects, resembled fortresses and were very strongly built for purposes of defense. They were made of stone and the walls were

sometimes several feet in thickness. The *donjon* or *keep* was the strongest part of the castle and here the defenders retired when hard pressed. Gunpowder would, of course, have shattered these walls like egg-shells, but the bow and the spear could do little against them. Around the castle was the moat or wide ditch, filled with water and spanned by a drawbridge. This drawbridge could be pulled up against the side of the castle in case of attack. The windows and doors were rather easily defended, as they were mere slits in the wall. The tourist who travels in Europe at the present day views with interest the ruins of many ivy-mantled castles and towers of the Middle Ages and listens with rapt attention to the blood-curdling tales of the fierce fights which took place about them. Sir Walter Scott, in the beautiful story entitled "Ivanhoe," gives us a good picture of the medieval castle and its surroundings.

Amusements. The nobles who lived in these castles were very fond of hunting and hawking. When not fighting, they were very likely to be in pursuit of game. The greyhound and the falcon, or hawk, were in almost constant use. Ladies were also devoted to hawking. There were not nearly so many amusements as we have. Chess and backgammon were played. Strolling minstrels often helped to pass the long evenings in winter with their songs and tales. But most of the amusements that we enjoy to-day were unknown then.

Chivalry. Chivalry was called "the flower of feudalism." The great lords who lived in these castles usually belonged to an order known as the Knights. These knights were bold and brave and true; and chivalry came to mean

gallantry. The education of the boy for knighthood began at the age of seven. From seven to fourteen he was called a page, and from fourteen to twenty-one, a squire. The lord of the castle gave the boy a training in military affairs and the ladies instructed him in religion and the rules of polite behavior. The squire attended his lord in battle,



THE GREAT HALL OF A MEDIEVAL CASTLE

Banquets and entertainments of various kinds were held in this, the principal room of the castle.

carried weapons and armor for him, and even took a part in the fight if his master needed his help. At twenty-one, the squire became a knight. The ceremony used in conferring knighthood was solemn and impressive. The young man prepared himself by a long fast and meditation. He then listened to a sermon on the duties and obligations of the knight. Then kneeling, he took a vow to defend the church, women, the weak, and those in distress. Armor was then given him and his sword was

buckled on. Then the lord who had charge of the ceremony struck the lad upon the shoulder with the flat side of his sword and said, "In the name of God, of St. Michael, and of St. George, I dub thee knight; be brave, bold, and loyal."

The knight was expected to be "gentle, brave, courteous, truthful, pure, generous, hospitable, faithful to his engagements, and ever ready to risk life and limb in the cause of religion and in defense of his companions in arms." Do you recall the story of Lancelot, the ideal knight?

The standard of knighthood was very high and some failed to live up to their vows. In such cases, the false knight was put through a process, known as the "ceremony of degradation." His spurs were cut from his boots with a heavy axe, his sword was broken, and the tail of his horse was cut off. He was then dressed in the clothes of the grave, the funeral service was read over him, and he was solemnly declared to be "dead to the honors of knighthood."

The Tournament. When the knights were not fighting for religion or defending their ladies, they pined for amusement. This was found in the tournament — which was not much like the tennis tournament, for example, of the present day. The tournament of the Middle Ages was a sham battle between knights, mounted on horses, and armed with blunt swords or pointless spears. The opposing sides rushed at each other and tried to unhorse their opponents and break their dummy weapons. A joust was a contest between two knights. The contest took place in the "Lists" or large open space, surrounded by immense throngs of spectators. The attendance at some of the

tournaments where famous knights fought was very large and sometimes noted knights came from foreign countries to "enter the Lists." The prize was often a simple garland or a wreath of flowers.

At times the tournament was brutal enough, but it was

A Tournament

a vast improvement upon the gladiatorial and other contests of Rome.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. This is what King Arthur says of the oath he required of his Knights:

> "I made them lay their hands in mine and swear
> To reverence the King, as if he were
> Their conscience, and their conscience as their King,
> To break the heathen and uphold the Christ,
> To ride abroad redressing human wrongs,
> To speak no slander, no, nor listen to it,
> To honor his own word as if his God's,

To lead sweet lives in purest chastity,
To love one maiden only, cleave to her,
And worship her by years of noble deeds,
Until they won her."

Tennyson's "Guinevere" in Idylls of the King.

What changes would you make in this to meet modern conditions, so that it might well be made the guide to conduct for true gentlemen to-day?

2. Select a site in your neighborhood for a castle. Then read a good description of some castle and reconstruct it on your site.

3. Why do we not have feudal castles in the United States?

4. Compare our modern cities and villages with those of the Middle Ages.

PRONOUNCING LIST

Antioch. ăn′tĭ-ŏk
Genoa. jĕn′ō-*a*
Tournament. tōōr′nȧ-mĕnt

CHAPTER XVII

PILGRIMS AND EXPLORERS

The early Christians thought it a pious privilege to make pilgrimages. The object of the journey might be the shrine of some saint, or, better still, the tomb of Christ in Palestine. Great benefits were expected from these visits. The weary pilgrim sought his soul's salvation in this way and, in some cases, he expected to be cured of disease. Sometimes he traveled, staff in hand, many long and weary miles through hostile peoples before reaching his destination. He then spent several days in prayer at the shrine of the saint, made an offering of money, and then set out upon his homeward journey, blessed with a peace of mind. Sometimes these pilgrims walked or rode on horseback overland and at times a passing vessel car-

ried them a part of the way. They were often on the road for months at a time.

Saint Thomas of Canterbury. A good example of the pilgrimages were those which were made to the shrine of St. Thomas of Canterbury. St. Thomas was the most famous churchman of his day. He was well educated and took a prominent part in the government of England before becoming an archbishop. A very interesting story is told about this noted man. Henry II was very fond of his able assistant and gave him lands and gifts of various kinds. At this time, Thomas showed few symptoms of piety or religion, but lived in a worldly and showy way.

After a time, King Henry wanted to make Thomas Archbishop of Canterbury — a position which would place him at the head of the church in England. Thomas did not want the position and declined it, but Henry insisted and Becket, as he is sometimes called, was ordained a priest and became the Archbishop of Canterbury.

Thomas now changed his manner of life completely. He put aside worldly things and became a sincere and devoted churchman. Soon a conflict arose between the archbishop and the king. Thomas was the champion of the church and thought that it should be independent of the government. Henry, on the other hand, said that he, as king, should rule over the church as well as the state. The king and the archbishop were both very positive men and the quarrel between them became very bitter. Thomas was afraid of being murdered and fled to France. Later he returned to England and took up his fight anew.

Finally, the king, in a fit of anger, said that he would like to get rid of Becket. He even intimated that he

would like to have him put out of the way. Some of his men took him at his word although Henry did not intend that they should.

The king was in Normandy when he gave vent to this outburst of temper and four of his men who heard it secretly

The Murder of St. Thomas à Becket

vowed to make away with the archbishop. They immediately crossed over to England by different routes and had another meeting there to arrange their plans. Finally, a small group of the conspirators went to Canterbury and put the archbishop to death on the steps of the altar in his own cathedral.

A tremendous outcry went up from all Europe. The king was sorry for his hasty remark and shut himself up

for several days, refusing to see any one or to eat food of any kind. The Pope also was shocked and went into seclusion for a time. The people mourned for Thomas as a martyr to the cause of the church and he was immediately put upon the list of English saints. He was buried at Canterbury and thousands of pious people made pilgrimages each year to worship at his tomb. The great poet, Chaucer, in his "Canterbury Tales," written two hundred years after the death of Becket, relates in an

PILGRIMS GOING TO CANTERBURY

interesting way the various stories which different pilgrims told while on their way to Canterbury.

But if people went by thousands to worship at the shrine of St. Thomas, how much stronger would be the yearnings of pious Christians to kneel and pray at the tomb of the Savior, himself. All through the Middle Ages, such pilgrimages were made to the Holy Land. Sometimes the pilgrim went by himself and sometimes great crowds went together. In 1064, seven thousand people, led by an archbishop, went to Jerusalem in a single company.

The Crusades. For several centuries, Syria and the

Holy Land were in the possession of the Arabs. These men were comparatively mild and had some sort of respect for holy things and sacred places. As a consequence, the pilgrims to the Holy Land were well treated and were allowed to come and go in peace; but in the eleventh century a great change took place. The wild Turks from Asia overran Syria. These men were somewhat like Attila and his terrible Huns and had no respect for the Christian religion or for civilization. They took a fiendish delight in ruining holy places. Christian churches were burned or turned into stables and the pilgrims were mocked and persecuted at every turn.

Just at this time, also, a change came over the church itself. In the early years the leaders of the church had preached the Gospel of peace; now, the leaders were telling the faithful to buckle on their swords and fight for their religion. So when the pilgrims returned from the Holy Land, with stories of abuse and persecution, and a recital of the ruin of holy places, the cry went up that the sepulchre of Christ should be rescued from the hands of these awful Turks. At that moment, the peaceful pilgrim became a warrior and the pilgrimages became crusades. The pious people of the time, as they read their Bibles, saw that the Hebrews waged wars against the heathen at the command of Jehovah. Why then was it not their pious duty also to turn their swords against the heathen?

There was, as we have said, great indignation in Europe as the pilgrims returned from the Holy Land and told of their sufferings at the hands of the Turks. Pope Urban II had long meditated over the injuries and insults which

had been heaped upon the Christians and came to the conclusion that it was not right that the tomb of the Savior should be in the hands of cruel infidels who had no respect for his teachings. His soul was much troubled and he called a meeting at Clermont in France (1095) to see what could be done.

The Pope addressed the meeting and made a most wonderful speech in which he depicted the cruel wrongs and urged his hearers to act at once. This speech has been called "one of the greatest triumphs of human oratory." "When Jesus Christ summons you to his defense," he exclaimed, "let no base affectation detain you in your homes; whoever will abandon his house, or his father or his mother, or his wife, or his children, or his inheritance, for the sake of His name, shall be recompensed a hundred fold and shall possess life eternal." At this point, the enthusiasm of the vast throng burst all bounds and a great shout went up from all sides, "It is the will of God! It is the will of God!" Men fastened crosses upon their clothing to indicate the fact that they had enlisted in the "Holy Wars of the Cross." Here, then, at Clermont was started a movement known as the Crusades, which continued for two hundred years.

The First Crusade (1096). But Palestine was thousands of miles away — a long, difficult, and dangerous journey — and men could not set out without making some preparation.

Peter the Hermit. And just at this point, we must stop for a moment to tell the story of Peter the Hermit. It was once thought that this Peter, a pious monk, was the man who started the whole crusade movement. We

know now that he was the *preacher*, but not the *originator*, of the Crusades. It was said that Peter, a native of France, went to Palestine on a pilgrimage and saw with

PETER THE HERMIT PREACHING THE CRUSADE

his own eyes the persecutions of the western pilgrims. He came back with his soul on fire, went to the Pope, and, falling upon his knees before him, begged permission to preach a crusade against the Turks. The Pope gave his consent and Peter went about in fields and streets and

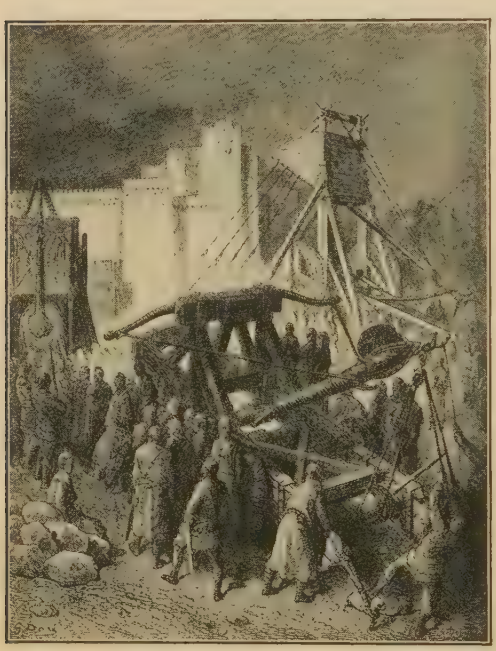
along country roads — everywhere he could get people to listen to him — and delivered his message. His figure became a familiar one, as, clad in his long, monkish robe, he rode upon his ass and held the crucifix on high. His preaching reached men's hearts. It had an electrical effect and men by tens of thousands enlisted for the march on Palestine.

The Pope also preached the crusade and promised that those who took part in it should be richly rewarded. He said that a man who was really sorry for his sins should have "the joy of eternal life, even if he died before the army reached the Holy City."

Preparations were being made for this First Crusade, but things did not move rapidly enough to suit the men who had been inflamed by the preaching of Peter. They became impatient and could be restrained no longer. Consequently a great horde of them — men, women, and children, some say eighty thousand — started off under the leadership of Peter the Hermit and a wandering knight, known as Walter the Penniless. They started overland for Constantinople, going through Germany and Hungary. They were entirely unprepared for such an expedition as this and thousands of them died by the roadside of hunger, disease, and exposure. Only a small remnant reached Constantinople and these were made short work of by the Turks. This was the sad ending of the ill-fated First Crusade.

In the meantime, preparations for the *real* Crusade were pushed with vigor. In 1099, about three hundred thousand men turned their faces towards the East. They suffered terribly. About one half of their number perished

on the way. The survivors, however, pushed on to Jerusalem. They went into raptures of joy at the first sight of the Holy City. They knelt down, kissed the earth, and took off their shoes, recognizing the fact that they were treading on holy ground. Then, advancing with bare feet and uncovered heads, they sang "Jerusalem, lift up thine eyes, and behold the liberator, who comes to break thy chains." An attack followed and the city fell. The Turks were slaughtered without mercy. One of the crusaders wrote a letter home and described what took place as follows: "And if you desire to know what was done with the enemy who were found there, know that in Solomon's Porch and in his Temple, our men rode in the blood of the Turks up to the knees of their horses."



THE WAR MACHINERY OF THE CRUSADERS

Gunpowder was not known at this time. Instead of cannon the crusaders used great machines, like huge bows worked by windlasses, to hurl rocks against the walls of fortified towns and castles.

The Kingdom of Jerusalem. Now that Jerusalem was taken, it was necessary to set up over it a new form of

government. This was done by the crusaders, and Godfrey, a sincere and devoted knight, was placed at its head. Godfrey was called "the Defender of the Holy Sepulchre," as he refused to be called king. "I will never wear a crown of gold in this Holy City," he said, "where my Lord and Master wore a crown of thorns." Then the crusaders broke ranks and scattered. Some of them remained in the East, while others returned by many different routes to their homes in Europe.

The Third Crusade. In less than a century, Jerusalem was again lost to the Christians. The city was captured by Saladin, the famous Sultan of Egypt, in 1187. The news of the fall of Jerusalem rang throughout Europe like a bugle call to arms. The result of this was the Third Crusade — in some respects the most famous of them all. This crusade was led by three great men — Philip, the King of France, Frederick, Emperor of Germany, and Richard the Lion-hearted, King of England. Nothing of importance was accomplished. Numerous misfortunes befell the expedition. The Germans took the overland route and their Emperor was drowned, while attempting to cross a swollen stream. Most of the Germans became disheartened and returned to their homes. The French and English took the sea route and after two years of fruitless fighting about Jerusalem, they too gave up in despair. The lion-hearted Richard, as we have already seen, had many mishaps while on his way home.

The Children's Crusade (1212). The height of folly in the whole crusading movement, however, was reached in the Children's Crusade. A French peasant boy, named Stephen, twelve years of age, got it into his head that he

was called by God to lead a crusade of young children against the infidel Turk. He sounded his call and many small boys and some girls enlisted under his banner. Some of the older people thought that the project was all right and quoted the Scriptures to the effect that "a little child shall lead them." Others thought that the whole thing was inspired by the devil. At all events, a band of German children, estimated at from twenty thousand to forty thousand, gathered together and marched over the Alps to Italy. Nothing could hold them back. "Even bolts and bars," says an old writer, "could not hold them."

These children, most of them no older than Stephen himself, marched along the shores of Italy, expecting to find a pathway to Jerusalem miraculously opened to them. They expected the sea to part for their passage, as the Red Sea had parted for the passage of the children of Israel out of Egypt. No such pathway appeared, and a large part of the little ones either fell by the wayside or died from the hardships of the march. A sorry and weary little band reached Rome and made a call upon the Pope. The Pope received them in a very kind and fatherly way. He saw the folly of the whole attempt and persuaded the children to return to their homes and to set out again upon their crusade after they became men. Such was the fate of the German boys and girls who embarked in this crusade.

The French children, about thirty thousand in number, met at Marseilles with Stephen himself as their leader. The youthful captain rode in great pomp in a chariot, surrounded by his body-guard. The poor little ones knew noth-

THE ROUTES OF THE CRUSADES

ing of the difficulties of the task which they were about to undertake. They had no idea of the distance to Jerusalem and whenever they came within sight of a city, the cry went up, "Is that Jerusalem?"

They were also led to think that when they got to Marseilles, the sea would open and permit them to pass through dry shod. But it did not and many of them returned to their homes.

THE CHILDREN'S CRUSADE

Some five thousand of them started on shipboard, however, for the Holy Land. There happened to be two traveling merchants in Marseilles at the time and these men offered to take the children by boat to their destination. Five thousand of them were packed in seven small ships, but they never reached Palestine. A part of them went to the bottom of the sea when two of the ships were wrecked in a storm, and those who survived were sold as slaves in Alexandria and other cities. And so the Children's Crusade ended in disaster and suffering.

These Crusades were spread out over a period of two hundred years. There were four great Crusades and as many more of lesser importance. Religion was, of course, the main-spring of the whole movement, but many enlisted for other reasons. The restless knights loved to fight, and adventure and danger were the spice of their lives. Some, too, joined the Crusades on account of the wealth which they hoped to secure by plundering the heathen. Serfs joined for their freedom, debtors to be free from debt, and criminals to escape punishment for their offenses. But on the whole, religion was the motive which sent wave after wave of the population of Europe against the East.

The Results of the Crusades. Now, what about the results of the Crusades? Were they successful or not? Did they accomplish anything of real and lasting value? In the first place, it must be admitted that the Crusades were a failure in so far as their immediate object was concerned. They failed in their attempt to snatch the Holy Sepulchre from infidel hands. The crusaders did, of course, get possession of Jerusalem but they soon lost it and never got it back. In fact, Jerusalem remained in the possession of the Turks until 1917. From that standpoint, the Crusades were a failure.

In an indirect way, however, untold benefits resulted from them. In the first place, the people of the East — aside from the Turks — were more cultured and learned than those of the West and so the Crusades were important in an educational way. Up to this time, the people of the West had not traveled very much. As a rule, a man lived and died in the village or hamlet in which he was born and

knew little or nothing of the great outside world. Now hundreds of thousands of men traveled thousands of miles and came into contact with a civilization higher and better than their own. And they profited by it, too.

They brought many new ideas home with them. One of the most useful of these was the Arabic system of notation, which soon displaced the more clumsy Roman system. If you were a bookkeeper, how would you like to keep your accounts in Roman numerals? They brought home with them the use of the cross-bow, the drum and the trumpet, and such fruits and vegetables as the apricot, watermelon, and garlic. They also learned the use of the windmill and set up mills in large numbers all over Europe, but more particularly in Holland where they were used to pump the water out of low places which were needed for cultivation. They returned with a taste for spices, silks, wines, dyestuffs, glassware, and the fine jewels of the East. They also began to decorate their homes in imitation of the luxurious ones which they had seen in the East. In fact, the Crusades increased the interest in art of all kinds. Constantinople was the home of much of the art of the Eastern world and these crusaders saw art treasures such as they had never seen before. In one instance they showed their appreciation of art in a rather crude and barbarous way. When retiring from Constantinople, they carried off some famous bronze horses and placed them over the portico of St. Mark's Cathedral in Venice. Napoleon took them from this cathedral at the time of his campaign in Italy, but they were returned at a later time. Now one of the sights of the city of Venice is the famous "Horses of St. Mark's."

The Crusades also gave a new life to commerce and built up important trading cities, such as Venice, Pisa, and Genoa. The westerners also obtained the mariner's compass from the Arabs, and this instrument aided greatly in commerce and geographical explorations. It may be said that "the horizon of Europe was immensely widened by the Crusades." Travel will broaden and educate any person who travels with his eyes open.

A Venetian Ship

One of the routes of trade from the East led to Venice and the valuable products of this eastern trade were carried to various parts of the Mediterranean world in proud little ships like the one represented in the picture.

The Travelers: Marco Polo. The crusaders also wrote home to their relatives and friends, and returning crusaders brought tales of the wealth and civilization of the great East. These stories made the travelers and the explorers of the time wish to know more of this interesting country. It was the Crusades that stirred such men as Marco Polo to action.

During the thirteenth and fourteenth centuries, the East was visited many times by men from Europe, but probably the most famous of these travelers was Marco Polo. Marco Polo was a member of an old and aristocratic family of Venice. His father and his father's brother were engaged in trade on a large scale and traveled extensively

in the pursuit of their business. On one occasion, the two brothers set out to visit their business house in Constantinople. After attending to their affairs at that place, they went on to the Crimea and from there to the court of the great Khan, in the northwest rn part of China. This Chinese ruler had never seen European gentlemen before and was charmed by the two cultured and polite Venetians.

Marco Polo

After several years spent partly in business and partly in exploration, the Polos returned to their home in Venice. The experiences of this trip made them all the more eager for another one, and in 1271 the two brothers again set out for China, this time to be absent twenty-four years. They also took with them Marco Polo, then a boy of seventeen, who was eager for the novel experience. It took them four years to get to China, but they finally found their old friend, the great Khan, at a city near the northern end of the great Chinese Wall. When they first arrived, they did not find it easy to converse with the natives. But the young Marco applied himself to study and was soon able to speak and write several of the Asiatic languages. He entered the service of the great Khan and remained in it for seventeen years. During this time, he made official trips up and down the vast domains of his master and penetrated into the heart of Asia, where even now Euro-

peans very rarely go. This was a very interesting and valuable experience.

After having been away from home for twenty-one years the Polos felt like returning. The great Khan, however, did not wish them to go, but they started, nevertheless, in 1292 and reached Venice three years later. When they came into their native town, after an absence of twenty-four years, nobody knew them. Like Ulysses and Rip van Winkle, they had changed a great deal in personal appearance. When they set out upon their journey, Marco Polo was a stripling of seventeen. He was now a man of forty-one. It is no wonder that people did not recognize the travelers in their "shabby clothes of Tartar cut." They had, in fact, long been given up as dead.

Soon after their return, they invited in a few old friends to have dinner with them. After the dinner was over, they brought out three coats and proceeded to rip open the welts and seams. Out fell diamonds, rubies, emeralds, sapphires, and other valuables — the spoils of twenty-four years of trade and travel. These, we are told, "had all been stitched up in those dresses in so artful a fashion that nobody could have suspected the fact." As soon as the Venetians were convinced that the three long-lost Polos had really returned, the whole city turned out and flocked to their home to greet and to embrace them.

Three years after his return from China, Marco Polo was seized and cast into prison while fighting for his native city against Genoa. He remained in prison for a year and during that time he wrote his famous book, entitled "The Book of Ser Marco Polo, concerning the Kingdoms and Marvels of the East." This book was an exceedingly

valuable one as it gave the men of Europe much new information concerning the geography and resources of a great and rich country. A short time after this, another interesting book appeared. This was called, "The Voyage and Travels of Sir John Mandeville." Now, Sir John was a rank imposter who never really traveled in the East at all, but he led people to believe that he had by publishing a book made up of the writings of eastern travelers.

All of these books had glowing stories to relate. They told of silver walls "and golden towers," of precious stones and fountains of youth, and of immense palaces paved with gold, "like slabs of stone, a good two fingers thick." These accounts were read with a relish by Europeans and, naturally enough, made them anxious to increase their trade with the East and to know more of that wonderful country.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Do you see how these pilgrims and explorers were making it easier for Columbus and his men to undertake their great work later?
2. Trace on your map the routes of the crusaders and Marco Polo's route to China.
3. Find out if you can whether we have anything to-day like these pilgrimages.
4. Report to your class on the work of Peary, or Amundsen, or Scott.
5. Who inspired the Crusades and how?
6. In what ways did the Crusades benefit the world?
7. What caused King John to quarrel with the Archbishop of Canterbury?
8. What does this chapter show in regard to the condition of the world outside of England?
9. Do you think the Crusades really started the discovery period?

PRONOUNCING LIST

Buddhists. bo͞od'ĭsts
Clermont. klĕr'mŏnt
Chaucer. chô'sẽr
Marco Polo. mär'kō pō'lō

Constantinople. kŏn-stăn′tĭ-nō′p'l
Crimea. krĭ-mē′*a*
Khan. kän
Mandeville. măn′dē-vĭl
Marseilles. mär-sālz′
Pisa. pē′sä
Syria. sĭr′ĭ-*a*
Urban. ûr′băn

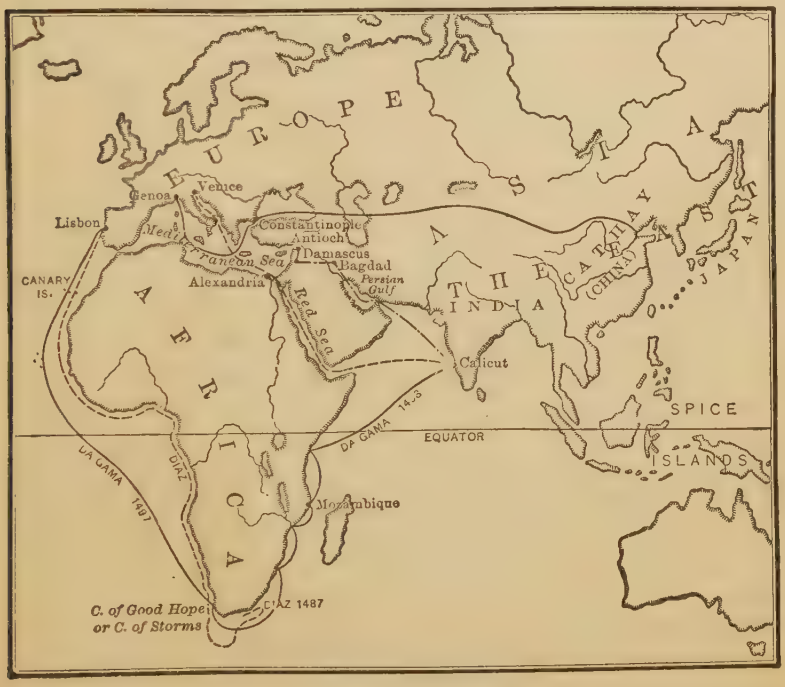
CHAPTER XVIII

THE BEGINNINGS OF DISCOVERY

The Northmen. We have already noticed that while the men from northern Europe were making voyages in different directions, some of them came to America (page 132). These men came to Iceland in 867 and founded a colony in Greenland a few years later. They then came to what is now known as North America. These men were not, however, in any true sense the discoverers of America. When they returned to their Scandinavian homes, they told the story of their voyage, but it apparently aroused but little interest. It was very much like a hundred other expeditions which these daring Northmen had made at about that same time. The people did not realize the importance of the voyage and soon forgot all about it. So nothing came from the so-called "Norse discovery of America."

The journeys of Marco Polo were much more important. In his book, he gave the Europeans a good account of the greatness and the riches of the East. He also added to their geographical knowledge of the eastern countries and of the Pacific Ocean. He returned from China by way of the Pacific and the Persian Gulf, and so knew what he was talking about. The Polos were the first Europeans to make a voyage upon what we now call the Pacific Ocean.

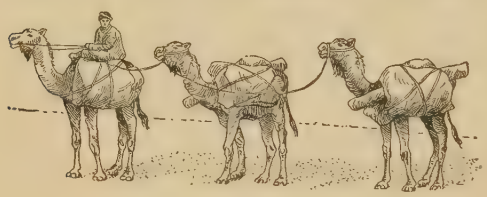
Trade with the East. One of the most important results of the Crusades and of the journeys of Marco Polo and other eastern travelers was the increase in trade between Europe and the East. There were three principal



TRADE ROUTES TO THE EAST

routes of trade, over which eastern goods were brought to European markets. The northern route led from the eastern part of China to Genoa by way of the Caspian and Black Seas and Constantinople. The central route went from India to Antioch by way of the Persian Gulf and the Tigris and Euphrates valley. The southern route led from India to Venice by way of the Red Sea and the Mediterranean.

For centuries Europeans toiled up and down these routes with boat and caravan. They carried woolen cloth, linen, black lead, wine, and glassware to the East and received in exchange fragrant spices, black pepper, cotton cloth, silks, perfumes, ivory, pearls, sapphires, diamonds, and other articles of great value. Over these long routes the rich products of the East were carried upon the backs of camels, mules, or horses, and even upon the backs of men. The long caravans of the merchants toiled slowly and painfully over mountains, through valleys, and across deserts, in the midst of snow, ice, or burning sands, until their precious burdens were finally placed on shipboard at some Mediterranean port.



PART OF AN EASTERN CARAVAN

This was a dangerous business. Sometimes the caravans were plundered by wild Asiatic tribes, again ships fell into the clutches of pirates, and now and then an entire cargo went to the bottom of the sea during one of the furious Mediterranean storms. Yet the profits in this eastern trade were enormous and enough of the goods reached their destination to make Venice and Genoa, the rival cities, immensely wealthy.

The Fall of Constantinople (1453). But while the merchants were reaping rich profits, an event occurred which changed the current of the world's history. Constantinople fell into the hands of the Turks. These Turks were turning their armies against the city of Constantine when the Crusades started in Europe. The crusaders

checked the progress of the Turks and for several centuries kept them from capturing the city. But after a time the crusading spirit died away and the Turks laid siege to Constantinople and captured it in 1453. As a result of this, the eastern trade route leading to Genoa by way of Constantinople, was cut off. Business was ruined and Columbus probably saw grass and weeds growing in the streets of his native city. It was now plain that, in a very short time, the Turks would cut off all of the overland trade routes between Europe and the East. And so the merchants faced a crisis. The eastern trade was a rich prize and they could not afford to lose it. Something had to be done and the men of Europe said, "*A new trade route must be found to the great East.*"

The Water Route to the East. The new route would evidently have to be a water route, as the Turks were rapidly taking possession of the land. And there were other reasons, too, for preferring a water route to a land route at this time. Travel on the water was easier than upon the land and this was especially true, since the crusaders had brought back to Europe a knowledge of the use of the mariner's compass. Sea navigation was now much safer than it ever had been before.

The Revival of Learning. This problem of finding a new route to India was one of the most important and difficult ones that the men of Europe were ever compelled to face. Year by year the eastern trade was increasing and year by year the grip of the Turks was tightening upon the trade routes. It was really a desperate situation and the solution was exceedingly difficult on account of the scanty geographical and scientific knowledge.

It was exceedingly fortunate that this great problem appeared just when it did. If it had come at an earlier time — for example, at the time when the Norsemen came to America — it undoubtedly would not have been solved; the mind of Europe would not have been equal to it. The gloom of the Dark Ages still covered the land. But now a great change had taken place. The Dark Ages had passed away and were followed by one of the most brilliant periods in the whole history of Europe. This period is usually called the "Revival of Learning," because men seemed to wake up after the long sleep of the Dark Ages.

This revival began in Italy, but soon spread out over all Europe. Men studied literature and science with a tremendous eagerness and soon the revival extended to other lands. There was a revival in art, and a revival in commerce, in navigation and in the study of geography. Gunpowder was invented and "made all men the same height." That is, the small man with a gun became the equal of the large man, who hitherto had the advantage of his size. Printing by means of movable types was invented at this time and served to multiply books, to make them cheaper, and to put on record the results of the Revival of Learning. Men read and studied and thought, and were eager for travel by land and water. The spirit of enterprise and adventure was in the air. Men were more wide-awake than they had been for centuries and this period is sometimes called the "New Birth," because the world seemed to be born again. Taking it all in all, it seems very fortunate that the problem of a new route to the East confronted Europe just when it did.

Portuguese Voyages. Although we do not now look upon the Portuguese as one of the leading nations of Europe, they were a very important people in the fifteenth cen-

GUTENBERG SHOWING HIS FIRST PROOF

Gutenberg was the inventor of printing by means of movable type. His invention, coming as it did at the close of the Dark Ages, marked a turning-point in civilization.

tury, and especially so in matters relating to the sea. In fact, the Portuguese may be looked upon as the successors of the Vikings, as they were the first people since the Northmen to undertake sea voyages on a grand scale.

The Sea of Darkness. It required a bold mariner with a stout heart to make an ocean voyage in those days.

The ships which the Portuguese and Spaniards were using were not so swift nor so seaworthy as the little boats which the Northmen had used five hundred years before. The sailors' instruments were also crude. The mariner's compass was in use and the astrolabe, a new instrument for finding the latitude of a ship at sea, had been invented.

Some of the Imaginary Terrors of the Sea of Darkness

But, in general, it may be said that the equipment of the navigator was not very good. It is certain that a sea captain of to-day would shudder if asked to venture upon the ocean under such conditions.

And yet the lack of good instruments and staunch ships was not the only thing that kept men off the sea. The Atlantic Ocean had a bad reputation. It was called the "Sea of Darkness," and many shrank from it and shud-

dered much as children do at the sight of a house which is said to be "haunted." Men did not really know very much about the ocean, but they imagined a great many dreadful things. They knew that the weather became warmer as they went towards the south and so they came to the conclusion that the water must be boiling under the equator. The heat of this "fiery zone," as it was called, would melt the pitch from the crevices of their ships and send them to the bottom. They also feared a sea-worm, or borer, which "could eat through the strongest oaks," and thus wreck the ships of the mariners. To add to all these terrors of the deep, there was supposed to be somewhere in the Indian Ocean a mountain of load-stone, whose magnetism drew the nails from the vessels and thus caused them to fall apart. The more remote parts of the ocean were supposed to be inhabited by terrible monsters known as gorgons and chimeras. An old picture represents one of these monsters gliding up the side of the ship and grabbing one of the sailors from the rigging. Then again, ships sailing out of port seemed to go down hill, as the tops of the masts were the last to disappear. Upon noting this fact, some asked, "How will it be possible for these ships to make their way *up the hill* again when they wish to return to port?"

When we consider all these queer beliefs and strange notions, is it to be wondered at that the men of the Middle Ages did not care to sail far out of the sight of land upon the Atlantic?

Prince Henry the Navigator. There were some men, however, in those days who could not be held back by frail ships, crude instruments, or sea monsters. These men were the

bold Portuguese sailors of the fifteenth century, under their splendid leader and teacher, Prince Henry the Navigator.

Prince Henry is one of the great characters of the period and has a wonderfully interesting story. He was one of the younger sons of a good king of Portugal and was born in 1394. At the age of twenty-one, he went with the Portuguese army to fight against the Moors in Morocco. While there he heard a great deal about the land and the productions of the East, as well as about the eastern trade. He came to the conclusion that a sea route would be of great importance to Portugal and, in fact, to all of Europe. In addition to the commercial benefits derived, he hoped to build up a great Portuguese empire in the East and to convert millions of people to the Christian faith.

PRINCE HENRY THE NAVIGATOR
The man who prepared the way for the discovery of the New World.

When he returned from Morocco, he was offered several important military positions, but he declined them all, in order to devote himself to his great project. In order that he might not be disturbed, he left the royal court and the society of Lisbon and sought the seclusion of a lonely promontory on the southern coast of Portugal. Here on the promontory of Sagres, a "lonely and barren rock, jutting out into the ocean," he gave himself over to a study of his great problem. In this lonely spot, thought at one

time to be the western-most limit of the habitable world, Prince Henry built an astronomical observatory and founded a school for the instruction of navigators and geographers. His own study room was in a high tower where he pored over his problems in astronomy and navigation until far into the night. Sailors coming into port often saw the faint light streaming from his little window. His motto was, "Desire to do well," and he seemed to live up to it admirably. In addition to being an enthusiastic scientist, Prince Henry had money enough to enable him to carry on his work. The central idea of his plan was to find a route to India by sailing around the continent of Africa.

As a beginning, Prince Henry's men crept cautiously down the western coast of Africa, using the islands as stepping-stones. In the gloom of the Dark Ages, the Madeira Islands and the Canary Islands had been forgotten for a thousand years. Now they were rediscovered. The men pushed on, mile after mile, down the coast, and were greatly encouraged by the long stretch of coastline towards the east, but when after passing the Gulf of Guinea, the coast again turned to the south, their hearts fell within them. They were filled with doubts because they did not know the shape of the African continent and hence were not sure that they could sail around it at all. Some of the geographers thought (none of them had any definite knowledge) that Africa terminated in a southern cape and that it would be possible to sail from Portugal to India. Others held that the Indian Ocean was a closed sea — not connected with the Atlantic — and that it was impossible to sail around Africa. Some even thought that

the African coast might extend as far south as the pole. So, as these sailors journeyed on one weary mile after another in a southerly direction, they became very much discouraged, but they did not give up their undertaking.

Henry died in 1463, but the king of Portugal was his nephew and a very intelligent man and so the work went on. Some people complained that the African expeditions were costing too much money, but when the sailors brought back great quantities of gold and numerous natives from Africa to be sold in the slave markets, they seemed to be satisfied.

Diaz Finds the Southern Cape (1487). The crowning glory of these Portuguese voyages was that made by Bartholomew Diaz, in 1486 and 1487. Diaz left Portugal with three small vessels in August of 1486. After sailing four hundred miles beyond the Tropic of Capricorn, he was driven directly south by high winds for thirteen days without being in the sight of land. After the wind ceased, he turned towards the east, expecting to see the shore. When he failed to sight land, he turned to the north and finally caught sight of the coast more than two hundred miles east of the Cape of Good Hope. He had rounded the southern cape without knowing it. He then sailed four hundred miles farther east, out into the Indian Ocean and was well on his way towards India, when his worn-out crew refused to proceed farther. Diaz then turned back. If he had been a Columbus or a Magellan, he probably would not have done so. On the homeward trip, Diaz passed near the southern cape and named it the "Cape of Storms," on account of the wind and waves which dashed against it. When he made his report of

the voyage, however, the king of Portugal struck this name off the map and put in its place the one more familiar to us — the "Cape of Good Hope." He had a hope that his men had solved the great problem and had found the long-sought-for route to the Indies.

This was a memorable age. Diaz returned to Lisbon in December, 1487, after an absence of nearly a year and a half. During that time, he traveled thirteen thousand miles and exploded many of the myths and superstitions which hung over the sea of darkness. He encountered no fiery zone and he got back up the hill again without difficulty. It might also be well to remember that one member of his party on this voyage was Bartholomew Columbus, a younger brother of the famous Christopher.

The Spaniards Seek a Route to the East. The Spaniards were also an enterprising people, and, while the Portuguese were seeking a route to the East, they were by no means idle. In fact, there was a great race between the Portuguese and the Spaniards to see which should reach India first. The Portuguese had made a good start under Diaz, but they had not yet reached the goal. Now the Spaniards, under the guidance of Christopher Columbus, tried to find a route to India in an entirely different direction. We shall read the wonderful story of Columbus in the next chapter.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Trace the three principal trade routes to the East.

2. Suppose Diaz had gone on until he reached the East Indies, would Columbus still have tried to find a different route? Keep this question in mind in the next chapter.

3. If you made the trip to-day by water from Genoa to India what route would you use? Why did not some one try this route then?

4. Why was the capture of Constantinople a turning point in history?

5. Why was Prince Henry's work so valuable? What did Diaz's voyage find out?

6. Tell something about the following: Cape of Storms, chimeras and gorgons, the Norse discovery, "Desire to do well."

PRONOUNCING LIST

astrolabe. ăs′trō-lāb
Bartholomew Diaz. bär-thŏl′ō-mū dē′äs
Canary. kȧ-nā′rĭ
chimera. kĭ-mē′rȧ
gorgon. gôr′gŏn
Guinea. gĭn′ĭ
Madeira. mȧ-dē′rȧ
Magellan. mȧ-jĕl′ăn
Morocco. mō-rŏk′ō
Sagres. sä′grĕs

CHAPTER XIX

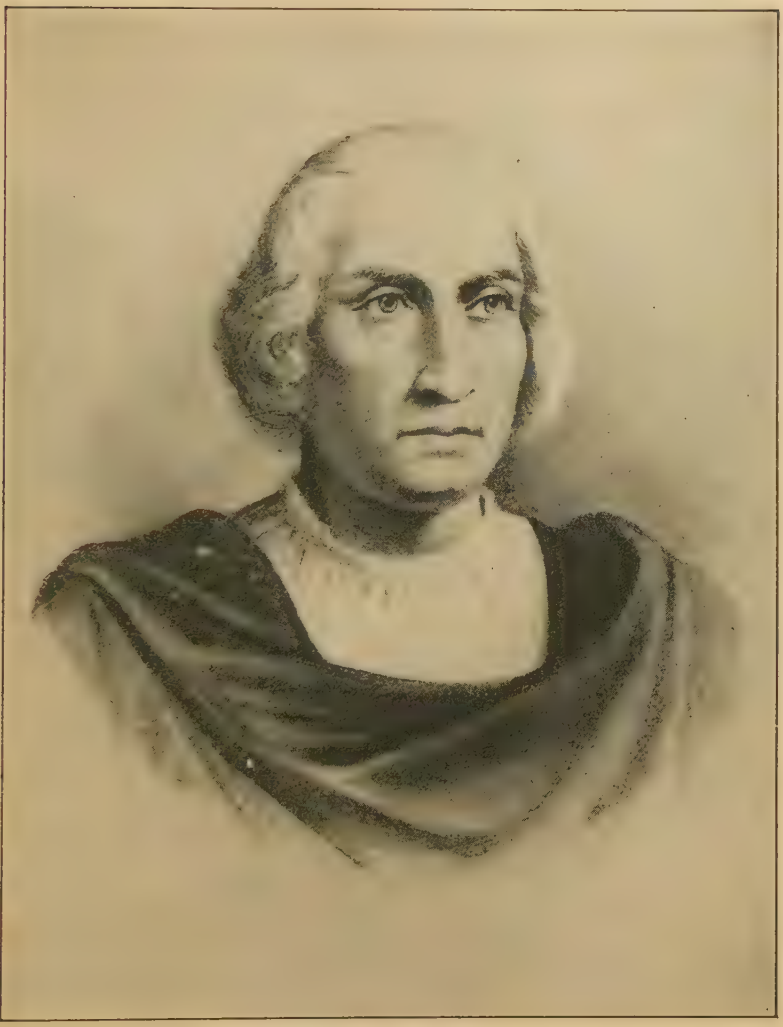
COLUMBUS SEEKS A ROUTE TO INDIA

"The first voyage of Columbus is a unique event in the history of mankind. Nothing like it was ever done before, and nothing like it can ever be done again. No worlds are left for a future Columbus to conquer."

"To sail the seas was in those days a task requiring high mental equipment; it was no work for your commonplace skipper."

"Human courage has never been more grandly displayed than by the glorious sailors of the fifteenth and sixteenth centuries." — JOHN FISKE.

While the hardy seamen of Prince Henry were making their plans on the high promontory, Christopher Columbus was puzzling over the same great problem, in a somewhat different way, in the quiet seclusion of one of the Madeira Islands, three hundred miles out from the mainland. It is interesting to watch the progress of this race for the Indies.



CHRISTOPHER COLUMBUS

Christopher Columbus was born of humble parents in the city of Genoa, Italy, about the year 1446. His father was a woolen weaver and the young Columbus also called himself a "wool-worker of Genoa." We know very little about his boyhood, but it is evident that he did not attend school very regularly. Very few boys did so in Italy at this time. Some say that he attended a university, but there does not seem to be very good proof of this. He tells us himself that he went to sea at fourteen, but he probably returned at intervals and studied astronomy, mathematics, and geography. He was especially fond of geography and liked to draw maps. He became so skillful in this respect that he made maps and sailing charts and sold them to the navigators of the time. There was a brisk demand for these things, because sailors were pushing out to sea on all sides.

He also made voyages himself. At times, we find him upon merchant ships in the Mediterranean, and again fighting Turkish pirates in eastern waters.

Christopher Columbus had a younger brother, named Bartholomew, who was really as good a sailor as he and some think a better map and globe maker. When a young man, Bartholomew went to Lisbon because he was interested in the great work of Prince Henry and his men. Bartholomew also took a part in the African voyages and, as we have already noted, he was with Diaz on his memorable voyage around the Cape of Good Hope.

A short time after Bartholomew went to Lisbon (1470) Christopher Columbus, attracted by the same means, turned his face towards the Portuguese capital. He too saw the tremendous importance of the work which Prince

Henry was doing and wished to have a part in it. He tells us himself that he accompanied some of the expeditions down the African coast.

Columbus, however, did not give his entire attention to navigation while in Lisbon. A short time after coming to that city, he attended mass in the chapel of the Con-

MAP OF THE KNOWN WORLD IN THE TIME OF COLUMBUS

vent of All Saints and there met a young woman, named Felipa, who afterwards became his wife. Felipa was a member of an old and aristocratic family and her father was a famous Italian navigator. He left a number of maps and sailing charts which fell into the hands of Columbus and were a great assistance to him. Soon after his marriage, Columbus went to a small estate owned by his wife's family in Porto Santo (the Holy

Port), one of the Madeira Islands, three hundred miles out to sea. Here, in quiet seclusion, he meditated upon the great problem and made plans for his western voyages. Many sailors on their way back from Guinea and other parts of the African coast touched at Porto Santo, and from these men Columbus eagerly sought all the information he could get.

Columbus became impatient, however, to be back at the center of things and so returned to Lisbon. At the time of his return, every one was talking and thinking of the African voyages and of the water route to India. Alfonso V, king of Portugal, was greatly interested in the whole scheme. It was about this time that the Portuguese sailors brought back the news that the African coast turned south at the Gulf of Guinea. This was rather discouraging information and Alfonso thought of trying to find some other way to India. So he wrote a letter to Toscanelli, the Italian, who was perhaps the most famous astronomer and geographer of his day, and asked him if he thought it possible to find a shorter route than the one which his sailors were seeking down the African coast. Toscanelli sent in reply a long letter to the king and enclosed a map of his own making, showing India and China directly west of Spain. This letter was dated June 25, 1474.

Columbus Seeks Information from Toscanelli. Columbus heard about this letter to the king and he too asked Toscanelli to give him what information he could in regard to the route to the East. Toscanelli replied by sending to Columbus copies of the letter and map which he had previously sent to the king of Portugal.

Columbus must have devoured this letter with great eagerness.

Toscanelli told him that China and Japan lay to the west of Spain, *and could undoubtedly be reached by sailing directly westward.* He did not know, of course, anything about the existence of the great American continent, and was also mistaken in regard to the size of Asia. He thought that Japan was located in that part of the globe occupied by Mexico and was therefore much nearer to Spain than it really is. He regarded the western voyage as a splendid idea. He said to Columbus in a second letter, "I regard as noble and grand your project of sailing from west to east. . . . When that voyage shall be accomplished, it will be a voyage to powerful kingdoms and to cities and provinces wealthy and noble, abounding in all sorts of things most desired by us; I mean with all kinds of spices and jewels in great abundance." Columbus must have been greatly elated when he read these words written by one of the ablest scientific men of the time. He prized these letters very highly and took the map with him on his first western voyage.

Columbus Seeks Money for His Voyage. Columbus obtained information from other sources also — both from men and from books. The next thing to do was to obtain money to fit out his expedition, and he found it far easier to get information than to get money.

Naturally enough, he first appealed to the king of Portugal for aid. The king at this time was John II, a nephew of Prince Henry, and hence interested in the whole problem of a water route to the Indies. But Columbus came to him only a short time before Diaz started

on his famous voyage and the king said that he could not afford to undertake any voyages in addition to those down the African coast. He did, however, submit the plan of Columbus to a number of his learned men and asked them what they thought about it. Most of them said that the plan was visionary and absurd and that no attention should be paid to it. A few of them, nevertheless, defended the ideas of Columbus, but King John gave him no financial assistance.

However, he stooped to a trick most unworthy of a king. He tried to steal the grand idea of Columbus. He took the sailing plans which Columbus had submitted to him and dispatched a vessel in haste and secrecy with instructions to sail west from the Cape Verde Islands and see if India could really be reached in that way. The sailors' hearts were not in the enterprise and they soon returned to Lisbon, scared half to death. They were sure that Columbus's plans were all moonshine. "You might as well expect to find land in the sky," they said, "as in that waste of water." When Columbus found what a shabby trick the king had tried to play on him, he left Portugal in anger and disgust and went to Spain for the purpose of asking aid from the King and Queen of that country, Ferdinand and Isabella. He took with him his little son, Diego, who was then four or five years of age, and left him with an aunt in a small town near Palos. His wife he never saw again, as she died soon after his departure.

Columbus in Spain. Columbus appeared in Spain at a very unfavorable time. The Spanish monarchs had other business on hand. They were trying to keep the Moors from their door. These terrible Moors had invaded Spain

about eight hundred years before and the Spaniards, after much fighting, had not been able to dislodge them. The Spanish monarchs were now engaged in another desperate attempt to drive them out of Spain and had no time to listen to Columbus. They were following the army about from place to place and holding court wherever they happened to be. Everything was in confusion and Ferdinand and Isabella were more intent upon packing the Moors, bag and baggage, back to Africa than in making voyages to unknown lands.

However, they referred the plans of Columbus to certain learned men for their opinions. As usual, the scholars were divided. Some of them said that the plan was a crazy one and ridiculed Columbus as a madman, while others, some of them priests, thought that it might be well to give his plans a trial. But the committee was so hopelessly divided that no decision was reached.

Weary of waiting, Columbus left Spain (1488) and went to Lisbon to see his brother Bartholomew, who had just returned from the Diaz expedition to the Cape of Good Hope. The news that the Portuguese had been successful in rounding the Cape made him all the more impatient to try his plan for a western voyage. He had already asked aid from Portugal and Spain, and some think from Genoa. He now sent Bartholomew to place the matter before the kings of England and France. On his way to England, Bartholomew was captured by pirates and delayed for a while, but he finally reached London and laid the plans of his brother before the king. But the king (Henry the Seventh), although interested in the scheme, was very slow about spending money in doubtful

voyages and did not come to an immediate decision. Bartholomew could not wait and pushed on to France.

By the time that Bartholomew went to France, Christopher had returned to Spain in the hope that some change for the better might have taken place. In this he was again disappointed. The Moors were still holding their own against the Spaniards and large parts of the country were being laid waste by flood and famine. The monarchs had no time and no money to give to "visionary" and "crazy" enterprises. They thought Columbus was a "crank" with some wild idea in his head. Columbus then entered the Spanish army, and fought with great bravery against the Moors. At the same time, he tried to interest wealthy men in his plan, but nothing practical came of the attempt. He spent two years in this way. No one would listen to him. The whole country was gathering its strength for a mighty effort against the Moors. Their famous stronghold, Granada, was to be seized and "the whole country was in a buzz of excitement." Columbus tagged about, following the camp and court from place to place, but all to no avail. Disgusted and discouraged to the last degree, he made up his mind to quit Spain and to lay his plans before the King of France. Bartholomew, as we have already seen, had set out for both England and France, but Christopher had not heard a word from him since his departure.

Columbus was growing old under the weight of his years and his disappointments and was undoubtedly becoming somewhat peculiar in personal appearance as well as in his actions. This led some people to think that his mind was unbalanced. "For some years now," says John

Fiske, "the stately figure of Columbus had been a familiar sight in the streets of Seville and Cordova, and as he passed along, with his white hair streaming in the breeze and his countenance aglow with intensity of purpose or haggard with disappointment at some fresh rebuff, the ragged urchins of the pavement tapped their heads and smiled with mingled wonder and amazement at this madman."

Seventeen years had passed since Columbus had written to Toscanelli, asking his opinion of the western voyage, and during that time he had labored incessantly, but had apparently accomplished nothing. Now as he took his little son, Diego, by the hand and set out for France, his thoughts must have been gloomy enough. An ordinary man would have given up in despair.

As he journeyed along the road, it is said that the little boy became hungry and thirsty and that the two travelers stopped at a monastery, a short distance from Palos, and asked for food and drink. Here the prior, or head man of the monastery, fell into conversation with Columbus and was greatly interested in his plans. He was a broad-minded man and called in other learned men to listen. They were also impressed, and the result was that the good prior, who knew the queen well, wrote her a letter in behalf of Columbus. The queen gave ear at once and invited the prior to come to the royal court and to bring Columbus with him. In due time the two men appeared in the Spanish Court, near Granada, and once more Columbus set his case eloquently before a council of learned men. This time, the scholars looked with rather more favor than formerly upon the project. Several of

the priests approved his plan and the queen promised to take up the matter as soon as Granada had fallen.

The Fall of Granada. Fortunately, they had not long to wait. Columbus went to Granada again to ask aid in December, 1491, and on January 2, 1492, the Moors surrendered the stronghold. While all of Europe was rejoic-

COLUMBUS BEFORE QUEEN ISABELLA

ing that the hated Moors had been overthrown, the queen and Columbus attempted to come to an agreement in regard to the voyage. They failed. Columbus put his terms so high that the queen would not accept them. He wanted to be admiral of the ocean and ruler of such heathen countries as he might discover and to have one eighth of the profits of the voyage. He hated the Turks and wished to use the profits of his expedition in driving them out of Jerusalem.

The Agreement. The queen and Columbus could not reach an agreement and so the latter mounted his mule and rode out of Granada, determined to seek aid from the King of France. Some of the queen's advisers immediately rushed to her and convinced her that Spain was losing a valuable opportunity in permitting Columbus to go to France. A messenger was accordingly sent on a swift horse to summon Columbus back to the court. The courier overtook him about six miles out of Granada and induced him to go back to the city. Upon his return an agreement was quickly reached. The queen practically accepted the terms of Columbus and the agreement was signed April 17, 1492. Columbus was overcome with the joy of the moment and, with tears in his eyes, made a vow that he would use the profits of the expedition in rescuing the Holy Sepulchre of Christ from the hands of the Turks.

Preparations for the Voyage. Columbus immediately went to Palos (May 14, 1492) and began the preparations for his great voyage. His bold project almost struck the people of the little seaport town dumb with amazement. They shuddered at the very thought of the sea of darkness and recoiled from the terrors of the "flaming zone." Columbus thought that a voyage of twenty-five hundred miles would bring him to the Indies. If the real distance — twelve thousand miles — had been known, the sailors would have shuddered still more. As it was, it was very difficult to induce any one to undertake the voyage. Men had their debts abolished and criminals were released from jail on condition that they embark with Columbus. Three small vessels were made ready. The largest of

these was the *Santa Maria*, the flag-ship of Columbus. The second in size was a faster boat, called the *Pinta*, and the smallest was the *Niña*, or the "Baby."

Finally, everything was in readiness. All was excitement in the little seaport town. Business was stopped

THE DEPARTURE OF COLUMBUS

and men thought only of the mysterious and dangerous voyage. The hardened mariners, about to sail, attended mass and confessed their sins, in order to be prepared for the worst. One hundred and twenty men, including ninety sailors, a physician, and a surgeon, went on board after tearful good-byes, and on Friday, August 3, 1492, an hour before sunrise, the ships set sail. By nightfall, they were forty-five miles away.

Let us try to make a mental picture of the great navigator, as he stood on the deck of the *Santa Maria*, peering out into the western darkness. He is said to have been "a man of noble and commanding presence, tall and power-

fully built, with fair, ruddy complexion and keen, blue-gray eyes that easily kindled; while his waving white hair must have been picturesque."

He was also "courteous and cordial in his dealings with men" and charming in his conversation. But at the same time, he had "an indefinable air of authority about him." He expected his orders to be obeyed. In addition, he had "that divine spark of religious enthusiasm," which animated the best of the crusading heroes.

THE SHIPS OF COLUMBUS

The three ships of Columbus look like playthings when compared with a modern ocean liner. The largest of the three was only 65 feet in length and 20 in breadth.

A MODERN STEAMSHIP

The modern ocean steamship is a marvel of speed and comfort. The boat represented above is more than 15 times as long as the largest one of Columbus and crosses the ocean in a trifle more than four days. It took Columbus about seventeen times as long.

Such was the great Italian navigator at the time of his departure from Palos. And what was his service to the world? He was not the first to find out that the earth is a globe and not a flat surface. That was

done by the Greeks two thousand years before Columbus was born. Neither was he the first to suggest the idea of a western passage to the Indies. Toscanelli and others had talked about that, and at the time of Columbus the idea of a western route to the East was "in the air." Even Aristotle, eighteen hundred years before the time of Columbus, had said that "between the end of Spain and the beginning of India the sea is small and navigable in a few days." What, then, was the great service of Columbus? It was this. *He was the first man who had the supreme courage to push boldly out into the Sea of Darkness in search of the new route which other men were merely talking about.*

> "What if wise men, as far back as Ptolemy,
> Judged that the earth like an orange was round,
> None of them ever said, 'Come along, follow me,
> Sail to the West and the East will be found.'"

The First Voyage (1492). Columbus sailed directly to the Canary Isles, where he remained for some time making repairs on the *Pinta*. The ship's rudder was broken and he suspected that some of her sailors had broken it so that they and the ship might be sent back to Spain. Some of the sailors were already tired of their bargain and shuddered at the thought of turning west from the Canaries. While they were delaying at the Canaries, a volcano on one of the islands erupted violently and they were sure that this was a very bad omen. There was a rumor also that Portuguese sailors were lurking in the nearby waters for the purpose of capturing Columbus and of carrying him off to Portugal.

The little vessels set out from the Canary Islands on the sixth day of September. The sea was calm enough,

but the crew was much disturbed. Their minds were filled with dismal forebodings and the farther they went, the louder became the grumbling. In order to keep them as quiet as possible, Columbus did not tell them the real distance which the ships sailed each day. He always subtracted something so that the sailors should not know their real distance from Spain.

All eyes were eagerly watching for every sign of life or land. A few days out from the Canaries, they saw a large piece of a ship's mast and probably wondered what the fate of the ship had been. A few days later, they saw two birds; then they ran into an immense prairie of seaweed, alive with fish and crabs. The speed of the vessels was checked and they were afraid for a time of running aground. This was a false fear, however, as weeds grow in this locality on the surface of water which is more than two miles in depth. Next they saw a flock of sand-pipers, and a little later they were sure that they sighted land in the distance. After they had finished singing a song of praise to God for their success, they saw that the "land" was clouds in the sky.

They sailed on through heavy rain and storms, saw flying fish and birds of various kinds, and sighted flocks of wild ducks at night, flying over their heads. In the meantime, the trade winds were hurrying them on towards the west. Would the wind change its direction and waft them back again to their homes? The sailors thought not and some of them suggested that it would be a good idea to push Columbus overboard and then say that he had tumbled off the ship while gazing at the stars. The complaints became louder and more dangerous. Finally

Columbus stood up in all his dignity and told his men that it was useless for them to complain, as he had started out to find the Indies and that, with the help of God, he would keep on until he found them. On the very next night, at ten o'clock, a light was seen moving to and fro in the distance. Four hours later — at two o'clock on the morning of October 12, 1492 — land was distinctly seen in the moonlight. A little later the sails were dropped and the men waited eagerly for the day to dawn.

Columbus was on the threshold of a new world, but was not aware of it. At daybreak, he went ashore on one of the small coral islands of the Bahama group and took possession of the land in the name of the king and queen of Spain. He named the island San Salvador (Holy Savior) and called the inhabitants of the locality "Indians," because he thought he had reached the Indies.

Strange sights greeted the eyes of the Spaniards. The landscape was beautiful, but the trees were very different from those of Spain. The sailors were greatly excited. They thought they had reached the rich East and saw priceless fortunes almost within their grasp. Sailors, who a day or two before were plotting to throw the great admiral overboard, now kissed his hands and humbly begged his pardon. Columbus spent about three months beating about among the islands and exploring new coasts. He came to Cuba and thought that he was on the mainland of Asia and not far from the kingdom of the great Khan of whom Marco Polo had written. In fact, he sent two messengers to the great monarch to bring him messages of greeting and good will from the king and queen of Spain. Instead of a great city of oriental splendor, how-

THE COMING OF THE WHITE MAN

ever, with golden palaces and marble bridges, they found villages of naked savages, in the midst of humble patches of corn, potatoes, and tobacco. It is here too that Europeans first saw men smoking. The leaves of the plant were rolled up in the form of a tube, somewhat resembling the modern cigar, and lighted at one end. These tubes were called *tobaccos*. The use of tobacco was introduced into Europe not long after.

The First Colony. Columbus next went to the island which we now call Haiti, but which he called the "Spanish Isle." Columbus was charmed by the beauty of the place. The trees were so tall that they seemed to touch the sky and the notes of the nightingale and other birds echoed through the otherwise silent forests. The Indians told him that the island contained "large mines of fine gold" — at any rate, he thought they told him this. He never could be quite certain of what the Indians said because they conversed by means of signs and mutterings.

Being delighted with the island, Columbus determined to establish a colony there. The lumber for the fort and storehouse was furnished in a most unexpected way. On Christmas morning, before daybreak, the *Santa Maria* went onto a sand bank and was dashed to pieces on the beach. Her boards and timbers were used in the construction of a rude building. Fortunately the cargo and provisions were saved, thanks to the prompt assistance of the Indians. About forty men, including artisans, a tailor, and a physician, were left behind in the new colony with provisions and seeds enough for a year. This colony was the first white colony in the new world, if we except the Norse settlement in Vinland. A few years

later (1498), Bartholomew Columbus founded Santo Domingo on the island of Haiti in honor of his father. This is "*the oldest European settlement in the New World which still exists,*" the first colony of Columbus having vanished within a year.

There was another reason for the founding of the colony, aside from the wreck of the *Santa Maria* and the general desire to occupy the land for Spain. The commander of the *Pinta,* who was unfriendly to Columbus, suddenly disappeared with his ship and no trace could be found of him. It is thought that he wanted to get back to Spain before Columbus did and thus get the lion's share of the glory for finding the route to the Indies. After the wreck of the *Santa Maria* and the departure of the *Pinta,* Columbus had left only the *Niña,* the baby ship of the fleet, and this tiny vessel would not be able to carry the entire party back to Spain.

The Journey Home. On the fourth of January, 1493, the *Niña* set out for Spain. Two days later, she met the *Pinta* off the northern coast of Haiti. The commander of the latter boat hastened to explain that a storm had driven him out to sea and that he really had no thought of deserting his comrades. Columbus never quite believed him, yet the two vessels now set out for Spain together.

The homeward passage was not an easy one. The trade winds compelled the ships to take a more northerly course and, just before reaching the Azores, they were caught in a storm which raged furiously for four days. No one thought that the frail vessels could weather such terrific gales and Columbus feared that he might go to the bottom of the sea without being able to give Ferdinand

and Isabella an account of his great voyage. He therefore wrote upon parchment two reports of his expedition and directed them to the king and queen. Each of these he wrapped in cloth and wax and encased in a barrel. One of them, he threw into the sea and the other, he kept on shipboard.

Finally, the land appeared — an island of the Azores — and Columbus sent some of his men ashore to give thanks for their safety from the storm by saying their prayers in a small chapel. They were promptly arrested and held for several days. Columbus finally succeeded in getting the governor of the island to release them.

A little later, another terrible storm broke over the *Niña* and she was driven to the coast of Portugal and found safety by running into the mouth of the Tagus River, on the fourth of March. The news soon spread that Columbus and the Spaniards had returned from the Indies and there was excitement in the air. Great crowds overran the vessel and swarmed about the docks, craning their necks to get a glimpse of the Indians whom Columbus had on board. It is said also that the surrounding water could not be seen "so full was it of the boats and skiffs of the Portuguese." Some of the Portuguese, feeling that the Spaniards had beaten them in the race for the Indies, were exceedingly surly and wanted to have Columbus put to death. Fortunately, better counsel prevailed and no attempt was made upon the life of the great mariner.

Four days after his arrival, the king of Portugal sent a very polite note asking Columbus to visit him at the royal court. The invitation was accepted. About nine years

before, Columbus had visited this same royal court and had asked assistance from this same king and his plans had been rejected by the learned men of the court as "empty talk" and "mere prattle." Things had changed since that time. Now Columbus with becoming dignity reminded King John that he was too late — that he had let the golden opportunity slip by. Some of the men about the court thought it would be a good idea to pick a quarrel with Columbus and then run him through with a sword. But King John would not listen to the suggestion.

After remaining in Portugal for nine days, the *Niña* put out to sea again and dropped anchor in the harbor of Palos, two days later, the fifteenth of March, 1493. The news of Columbus's return ran like wild-fire about the town. The relatives of the sailors rushed to greet them. People forgot all about their business and gathered in eager groups to listen to the tales of the sailors. The whole town turned out. Bells were rung and chants of praise were sung to the Lord for deliverance from the terrors of the Sea of Darkness.

The Surprise. About nightfall, when the bells were ringing and the people were surging up and down the streets, with lighted torches in their hands, another familiar looking vessel dropped anchor in the harbor. Men peered at her through the gathering darkness. She was no other than the *Pinta*. The two ships had been separated in the storm off the Azores and each thought that the other had been lost. The meeting was a happy one and March 15th thus became a notable day in the history of Palos.

Columbus at the King's Court. The weeks following Columbus's return were the happiest time in his whole life. He was summoned to the royal court at Barcelona and his journey there was like a triumphal procession. Crowds of people stood by the roadside to get a glimpse of the great navigator as he passed with his stuffed birds,

COLUMBUS AT BARCELONA

live parrots, and wild Indians which he had brought back from the Indies. At the royal court, he was received with the highest honor. The king and queen awaited his coming "on a richly decorated seat, under a canopy of cloth and gold." They rose when he appeared and made him take a seat at their side. This was the highest honor which they could confer upon him.

The Pope's Line (1493). Ferdinand and Isabella at once informed the Pope of the voyage of Columbus and

told him that the inhabitants of the land which he had found off the coast of Asia were well fitted to receive the Christian religion. They also asked him to define the rights of Spain in the new territory, so that there would be no quarrel with Portugal. This the Pope did by his famous Line of May 4, 1493 (see map, page 221). He said that the Spaniards should have all the heathen lands which they might discover west of a meridian drawn one hundred leagues west of the Cape Verde Islands and that the Portuguese should have similiar rights on the east side of this line. In the following year, the two nations agreed by treaty to place the "line fence" three hundred and seventy leagues west of the islands. It was still supposed to be in mid-ocean, but really was not, and the blunder unexpectedly gave Brazil to Portugal.

The Second Voyage (1493). Columbus, however, did not spend much time in the ease and luxury of the royal court. He began preparations at once for his second voyage and sailed — this time from the port of Cadiz — on the twenty-fifth of September, 1493.

This expedition was not much like the little terror-stricken one which had sailed from Palos the year before. This time there were seventeen ships, carrying fifteen hundred men, together with horses, sheep, cattle, vegetables, grain, grapevines, fruit trees, and almost everything else that might be needed in a new colony. The ships stopped at the Canaries and added calves, goats, pigs, chickens, as well as orange, lemon, melon, and sugar-cane seeds to their cargo. No women accompanied the expedition. Every one on board thought that he was to sail directly to the Indies — the land of jewels and spices. Some

thought was also given to the welfare of the souls of the poor benighted heathen. A priest was appointed "Vicar of the Indies" and he was probably the first to say mass on the western shores. It was also planned that the good Vicar was to have the assistance of native missionaries. Six of the savages brought over by Columbus were still living and these had been baptized in Barcelona with Ferdinand and Isabella as godfather and godmother. These men were to aid in the conversion of their people. One of them, however, died soon after his baptism and was said by the Spaniards to be the first Indian to enter the portals of heaven.

It was not very difficult to get men for this voyage. Columbus wanted only twelve hundred, but fifteen hundred insisted on going and the ships were overcrowded. Many nobles and other distinguished men were in the company.

Land was sighted early in November and Columbus proceeded to cruise about among the islands of the Caribbean Sea. Here he met repulsive cannibals who killed a few of his men with poisoned arrows. He touched Porto Rico and then went to the site of the colony founded on the island of Haiti, the year before. He entered the harbor late at night and fired a salute from the ship's cannon. They listened. There was no sound, save the echo of the gun. The place was deserted. About midnight, some Indians in a canoe came out to Columbus's ship and got on board. The redmen explained that some of the colonists had died of disease and that others had married Indian wives and moved away. At daybreak, Columbus went ashore and saw enough to convince him

that his colonists had been massacred by the Indians. Not a man of them ever appeared and no one to this day knows exactly what became of the forty men left on the island.

"This was the gloomy welcome to the land of promise." Columbus selected a new site for his colony — a little farther to the east and on the north coast of Haiti. Here he planned a town which he called "Isabella" in honor of his queen. Quite a town was laid out, and public buildings were made of stone and private ones of wood and straw. But the work was hard for those not used to it and many became ill and some were terribly homesick also. To make matters worse, Columbus fell sick and the outlook for Isabella was not a rosy one.

The strain upon Columbus had been intense for many years and his illness was very serious. He was sick for five months and was unconscious for a part of the time. One day when he regained consciousness he was surprised to find his brother Bartholomew standing at his bedside. He had not seen him since the day he had started to seek aid from the king of England, six years before. It was a joyous meeting. The two brothers were exceedingly fond of each other and now Bartholomew would be of untold assistance to Christopher in starting the new colony.

The Return to Spain (March, 1496). After remaining in the New World for nearly three years, Columbus went back to Spain in the spring of 1496, leaving his brother Bartholomew in command of the colony. He had two boats with about two hundred homesick Spaniards and thirty Indians, including a captive Indian prince, with a gold chain weighing six pounds hanging about his neck.

Columbus's reception in Spain this time was not very cordial — not much like the reception after his first voyage.

The Third Western Voyage (May 30, 1498). Columbus had not brought back gold, silver, jewels, silks, and spices in any very large quantities and so his voyages were coming to be looked upon as failures; however, another expedition was fitted out and in the spring of 1498 Columbus

The Voyages of Columbus

set sail with six ships and two hundred men. This time he bore off to the south and sailed within a few degrees of the equator. Here in the "belt of calms" he encountered heat that was almost unbearable. Washington Irving in his "Life of Columbus" describes his experiences as follows: "The wind suddenly fell, and a dead sultry calm commenced, which lasted for eight days. The air was like a furnace; the tar melted, the seams of the ship yawned; the salt meat became putrid; the wheat was

parched as with fire; the hoops shrank from the wine and water casks, some of which leaked and others burst, while the heat in the holds of the vessels was so suffocating that no one could remain below a sufficient time to prevent the damage that was taking place. The mariners lost all strength and spirits, and sank under the oppressive heat. It seemed as if the old fable of the torrid zone was about to be realized; and that they were approaching a fiery region where it would be impossible to exist."

THE DISCOVERIES OF COLUMBUS

The lands touched by Columbus on his various voyages are shown in black.

Columbus sailed between the Island of Trinidad and the mainland of South America and narrowly escaped being swamped by the rush of waters from the Orinoco River. He was greatly interested and wanted to explore farther west, but his strength failed him and his eyes, strained with constant watching, could not be used to make observations; so he sailed directly from Haiti and arrived at the town of Santo Domingo (founded by his brother Bartholomew in 1498) just after the departure of his brother for Spain.

Things had not been going well in the Spanish colony. The men were discontented and rebellious and it was necessary for Columbus and his brother to rule them with an iron hand. Complaints were sent across the sea to

Spain, and in the spring of 1499 Ferdinand and Isabella appointed a Spanish general, named Bobadilla, to rule in place of Columbus. When Bobadilla reached Santo Domingo, the first sight that met his eyes was the swinging bodies of seven Spaniards whom Columbus had hanged for rebelling against him. Five more of the ringleaders were in prison to be hanged on the morrow. Bobadilla was prejudiced against Columbus and these things led him to believe that the rule of the navigator had been cruel and inhuman. He, therefore, cast Columbus and his brother into prison and soon after sent them to Spain in chains. The captain of the ship was shocked at this treatment of Columbus and offered to take off his fetters, but the great admiral would not consent to it. He said that his chains should never come off except by the order of his gracious sovereigns, Ferdinand and Isabella; and so with his fetters clanking, Columbus walked through the streets of Cadiz.

As soon as the king and queen heard of his sad plight, they ordered him to be released and invited him to visit them at the royal court. Money was also sent to pay his expenses. When he arrived, the queen received him with tear-dimmed eyes and the broken old man threw himself at her feet and sobbed like a child. The monarchs treated Columbus in a very kindly way and assured him that Bobadilla had gone beyond his instructions. They gave back some of his rights and privileges, but they never fully restored him to power.

The Portuguese Find a Route to the East. Columbus was now stunned by another piece of important news. The Portuguese had reached the goal. They had won the

race to the Indies. While he was groping around among islands inhabited by wretched savages, the Portuguese had found the real Indies, with all their wealth and splendor, thousands of miles away.

The discovery was made in this way. In the summer of 1497 — while Columbus was in Spain making arrangements for his third voyage — Vasco da Gama, "a young man of unwavering courage and iron resolution," following up the work of Diaz, sailed from Lisbon and reached India in May of the following year. His voyage was a most remarkable one. Instead of hugging the African coast, as Diaz had done, he sailed off into the ocean from the Cape Verde Islands and was out of sight of land for ninety-three days — "the longest, unbroken sea voyage up to this time."

VASCO DA GAMA

He returned to Lisbon two years after his departure, laden with the spices, jewels, silks, and fine fabrics of the East. He had seen the great cities and had talked with the powerful rulers and there was absolutely no doubt about his success. The Portuguese had solved the great problem and while Da Gama was making a triumphal entry into Lisbon (1499), Columbus was being ridiculed as "the admiral of Mosquito Land, the man who had discovered a land of vanity and deceit, the grave of Spanish gentlemen." Lisbon and not Cadiz grew rich from the eastern trade.

The Fourth Voyage (1502). We may be sure that the success of Da Gama put Columbus on his mettle for another voyage. Although the expeditions had not been profitable, Ferdinand and Isabella were ready to try it again. Columbus hoped to find a strait which would bring him into the Indian Ocean and to the same shores of India (Hindustan) which Da Gama had reached by sailing eastward. With four small ships and one hundred and fifty men, he set out in May, 1502. The faithful Bartholomew was again at his side. By the irony of fate, he was forbidden to visit on the outward trip the colony which he had founded in Haiti, but might do so on his return. One of the ships having become disabled, he asked permission to enter the port to make arrangements for another. His request was denied. He then encountered the most terrible storms that he had ever met. For eighty-eight days, his ships were tempest-tossed and during that time, he saw neither sun nor stars. He explored the coast of Central America and was then shipwrecked upon the coast of Jamaica, where he remained for a year. The governor of the Spanish colony refused him assistance, although one of his men went all the way in a canoe to ask for it. This was a terrible year. Rebellion sprang up, but was quelled by the strong right arm of Bartholomew. Finally, the governor of the Spanish colony was compelled to send aid to Columbus, and early in November, 1504, he was back again in Spain.

"One woe treads on another woe's heels." His staunch friend, Queen Isabella, was on her death-bed and passed away about two weeks after the landing of Columbus.

It was thirty years since he had written his famous let-

ter to Toscanelli and the weight of these troubled years had borne upon him with crushing effect. He was now an old man, broken in body and in spirit. He lived on for a year and a half in poverty, sickness, and obscurity and died on the twentieth of May, 1506. The annals of the city in which he died made no mention of his passing. The event was not considered important.

He failed to find a route to the Indies. The Portuguese had won the race; but the failure of Columbus turned out to be more important than the success of Vasco da Gama.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Read Joaquin Miller's poem entitled "Columbus."
2. Imagine yourself to be Columbus presenting your case and asking for aid at the court of Ferdinand and Isabella. Make such a speech as he might have made.
3. Columbia is the poetical personification of the United States. We sing "O Columbia, the Gem of the Ocean," thus paying tribute to Columbus. Numerous cities and towns are named for the great discoverer. Look over a map of the United States and find some of them.
4. How long did it take Columbus to make his first voyage? In what time can it be made to-day?
5. Why did Columbus make so many voyages?
6. What noble traits were there in his character?
7. Tell what you can about the following: Haiti, Santo Domingo, the three ships of the first voyage, "the line fence," Toscanelli, Palos, Porto Santo, Ferdinand and Isabella.
8. What was the greatest service of Columbus?
9. Why was Columbus's work more valuable to the world than Vasco da Gama's?

PRONOUNCING LIST

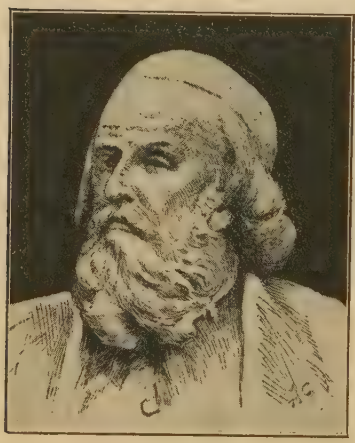
Azores. *ȧ*-zōrz′
Bahama. b*ȧ*-hā′m*ȧ*
Barcelona. bär′sĕ-lō′n*ȧ*
Bobadilla. bō′bä-dēl′lä
Cadiz. kā′dĭz
Cordova. kôr′dō-vä
Diego. dē-ā′gō
Felipa. fă-lē′p*ȧ*
Granada. gr*ȧ*-nä′d*ȧ*
Haiti. hā′tĭ
Jamaica. j*ȧ*-mā′k*ȧ*
Niña. nēn′y*ȧ*
Orinoco. ō′rĭ-nō′kō
Palos. pä′lōs

Pinta. pēn′tȧ
Porto Santo. pōr′tŏŏ sän′tŏŏ
Ptolemy. tŏl′-ē-mĭ
San Salvador. sän säl′vȧ-dōr′
Santa Maria. sän′tä mȧ-rē′ȧ
Santo Domingo. sän′tō dō-mĭŋ′gō
Seville. sĕv′ĭl
Tagus. tā′gŭs
Toscanelli. tŏs′kä-nĕl′lē
Trinidad trĭn′ĭ-dăd′
Vasco da Gama. väs′kō dä gä′mä
Verde. vûrd

CHAPTER XX

THE SUCCESSORS OF COLUMBUS

John Cabot on the Atlantic Coast (1497–1498). The King of England (Henry VII) was also interested in the project of a western passage to India. You will recall that Bartholomew Columbus had talked with him about the matter when he was seeking aid for his brother Christopher, and he now probably had come to the conclusion that he made a mistake in not accepting the services of Columbus. So in 1497, a short time before Da Gama set out on his famous voyage, King Henry sent John Cabot with one small ship and eighteen men to try to find a northwest passage to the East. Cabot sailed from Bristol and on the twenty-fourth of June he saw land, probably in the neighborhood of what is now Labrador. John



John Cabot

EARLY VOYAGES OF DISCOVERY AND THE POPE'S LINE OF DIVISION

Cabot was thus the first European, since the Northmen, to set eyes upon the continent of North America. King Henry was so greatly pleased at the success of the voyage that he graciously gave Cabot ten pounds (about fifty dollars) for finding what he called the "New Isle." It was thought, of course, that Cabot had merely discovered an island off the coast of Asia.

In the following spring, Cabot again crossed the ocean and this time he explored the coast, probably as far south as South Carolina. There is no record that the gallant sailor ever returned to Europe from this voyage. He was probably "lost in the gloom of the western ocean." His voyages are important because on account of them England laid claim to the entire continent of North America.

AMERICUS VESPUCIUS

Americus Vespucius Explores South America (1501). The Portuguese having reached India by sailing south and east, now began to send out expeditions to the southwest. In 1501, Americus Vespucius accompanied one of these expeditions which explored the coast of South America from Cape San Roque to La Plata River in search of a southwestern route to India. Vespucius passed through such beautiful scenery that he, like Columbus, on the Pearl Coast of South America, thought that he could not be far from the Garden of Eden. From the mouth of

La Plata River, the expedition turned to the southeast — it was already on the Spanish side of the Pope's line — and went as far as the island of South Georgia, twelve hundred miles east of Cape Horn. The storms were fierce and the rough sea threatened to engulf the tiny vessels at any moment. At South Georgia, they found no people — only the cold gray of icebergs and glaciers. The expedition had gone farther south than any previous one and now turned about and started back home through thousands of miles of trackless ocean. This must be looked upon as one of the greatest voyages ever made.

Vespucius made several other voyages and then wrote a brilliant account of his experiences on the sea — a part of which was probably not true. The people were astonished at the wonderful story and began to realize the vast extent of sea-coast over which he had traveled. Vespucius had explored such long stretches of coast that the people gradually came to the conclusion that the new land was a *continent* and not an island.

It was about this time that Martin Waldseemüller, a German professor, published a geography in which he suggested, as we have already seen, that the "new" or "fourth" part of the earth be called "America," in honor of its discoverer, Americus Vespucius. This was done. It would have been more appropriate to name the New World "Columbia," in honor of its real discoverer, Christopher Columbus, but people did not know at that time that there was any connection between the work of Columbus and that of Vespucius. It was thought that Vespucius had discovered a new southern continent, while Columbus had reached the islands off the coast of India.

Some have said that Vespucius resorted to trickery in order to have the New World named in his honor, but this is not true.

Balboa and the Western Route (1513). The problem of a water route to the Indies was still in men's minds. True, the Portuguese had found such a route by sailing around Africa, but it was a very long one and sailors still hoped to find a shorter western passage. Land had blocked the paths of Columbus, Cabot, and Vespucius, but it was hoped that a strait might be found which would lead to the rich East.

Balboa, a venturesome and courageous Spaniard, was a planter on one of the Bahama Islands. He was restless and became eager for discovery and exploration, but was so heavily in debt that his creditors would not let him leave the island. So he had himself nailed up in a barrel and carted on shipboard with packages of provisions and thus reached the Isthmus of Panama. When he arrived, the Indians told him of another sea "where they sail with ships as big as his." He wanted to find this new ocean and so he pushed across the Isthmus, forty-five miles in eighteen days, where "thickets, tangled swamps, slippery cliffs, enormous trees, and interlacing vines, blocked the way at every turn." He finally reached the peak of Darien and, climbing alone to the top, he looked down upon the ocean which we now call the Pacific. Profoundly impressed at the sight of this great body of water, he threw himself prostrate upon the ground and then raised himself upon his knees and gave thanks to God for permitting him to see the wonderful sight. A little later, he rushed into the billows of the rising tide and with drawn

sword took possession of the sea in the name of the King of Spain. He had passed the obstruction of the new land, but he was still far from the islands where the spices grew.

Magellan Sails Around the Globe (1519–1522). In spite of all the obstacles which they encountered, the brave sailors were not ready to give up the idea of a

Balboa Discovering the Pacific

western route to India. Ferdinand Magellan, a Portuguese navigator, when a boy, had witnessed the triumphal return of Da Gama from India. Inspired by this, he proposed to the king of Portugal that another western voyage be made, but the king would not listen to him. "Magellan was not the man to sit quiet with a great idea in his head," and so, like Columbus, he went to the king of Spain and offered his services. The offer was accepted.

Early in the fall of 1519, Magellan in command of five Spanish ships, small and poor, sailed away to the southwest, hoping to find the strait through the new continent which would lead him to India. He coasted along the east shore of South America, making many observations as he went, and finally reached the straits which now

MAGELLAN LANDING IN THE PHILIPPINES

bear his name. Here one of his five ships deserted and went back to Spain. Passing through the dangerous straits, Magellan sailed out into the ocean, which Balboa had discovered at a different point, a few years before. This he named the "Pacific," because it seemed so peaceful, after leaving the storms of the Atlantic.

With great suffering, the men crossed the broad Pacific and finally landed in the Philippine Islands. Magellan

and his men knew very little of the climate and the seasons in the southern hemisphere and were surprised when they were compelled to go into winter quarters at Easter and when they found the summer beginning in September.

What Magellan and his men suffered on this voyage can never be told. They fought against hunger, cold, heat, wind, wave, and disease. For a time they had nothing to

MAGELLAN'S EXPEDITION, 1519–1522

eat but stale crumbs. The water which they drank was yellow, thick, and foul. Bits of oxhide were taken from the rigging of the ships and after being soaked in the sea and broiled, were eagerly eaten. While in the Straits of Magellan, many of his men wanted to turn back, but the "Prince of Navigators," with his "heart of triple bronze" set his massive jaw and said "No." He said that he would keep on even if he had to eat the leather of the ship's yards — which he was later compelled to do.

Magellan's own troubles came to an end in the Philippines. He was killed by the savages there about a year and a half after his departure from Spain. Misfortunes never seem to come singly. Accidents also befell his ships.

Two of them were wrecked and one of them was set on fire and abandoned when she became leaky. Only one remained — the little *Victoria* — and she sailed back by way of the Indian Ocean and the Cape of Good Hope, after an absence of three years. She had eighteen half-starved survivors on board. Two hundred thirty-nine men had embarked in the five vessels three years before.

The men who had been around the world were greatly honored. The king invited them to his court and listened with great interest to the story of the voyage — the greatest one ever made. To the captain of the *Victoria*, the king gave a sum of money, also a coat of arms, upon which was a globe, with this inscription, written in Latin, "Thou first encompassed me." The importance of this voyage can hardly be estimated. It proved clearly that the earth is a sphere. It also disclosed the immense width of the Pacific Ocean. It showed also that there is much more water than land upon the globe, and finally that America is a *New World* and not simply a part of Asia as Columbus had thought.

The voyage also called attention to some strange geographical facts. The captain of the *Victoria* reached the Cape Verde Islands, as he thought, on the ninth of July. He found, however, that it was really the tenth. What had become of the lost day? The sailors were puzzled and greatly worried. They were afraid, among other things, that the fasts and saints' days which they had observed had been observed on wrong dates. Finally, an Italian scientist gave them the correct explanation, which, by the way, an old Arabian geographer knew all about more than two hundred years before.

The desire for eastern trade was also whetted by this voyage, as it was shown that the profits were amazingly large. The *Victoria's* cargo, composed for the most part of twenty-six tons of cloves, was sold for enough to pay the entire expense of the expedition.

The Voyages of the French. And now France began to wake up and take an interest in eastern trade. Francis I, the king of France, wanted to share the prizes and so he sent John Verrazzaño, an Italian sea-rover and gentleman pirate, in search of the new route to India. He did not find the route, but he did explore the Atlantic coast from the Cape Fear River to Newfoundland and then, owing to a lack of provisions, he sailed away to France (1524), where he was received with great honor. Verrazzaño had plans for the founding of colonies and the doing of missionary work among the Indians, but his career was brought to a close when he was hanged as a pirate, three years after his return from America.

Cartier in the St. Lawrence (1534). Visions of the wealth of the Indies and of a new France on the other side of the Atlantic continued to fill the minds of Frenchmen. French exploration was carried on by Jacques Cartier. This experienced navigator and fisherman set out with two ships in 1534, hoping to find a strait to the northwest which would lead him to the land of Marco Polo. He reached the broad mouth of the St. Lawrence River and there in the presence of a band of Indians set up a wooden cross, thirty feet in height. He sailed a short distance up the river, now absolutely sure that he was on the high road to China. When the colder weather

and the autumn storms came on, however, he kidnapped a few Indians and sailed back to France.

In the following spring, Cartier and his sailors gathered in the Cathedral of St. Malo for a religious service. They were a rough crowd but they prayed for the success of their expedition. Then they set out for the New World. This

CARTIER AT MONTREAL

time Cartier sailed up the St. Lawrence to the present site of Montreal (meaning Royal Mountain) and gave to the place the name which it now bears. A few miles farther on, his course was checked by the rapids, since called Lachine (meaning China) because Cartier and his men thought that they were well on their way to China.

The Indians had never seen such men before and marveled at them. They could hardly believe that they were

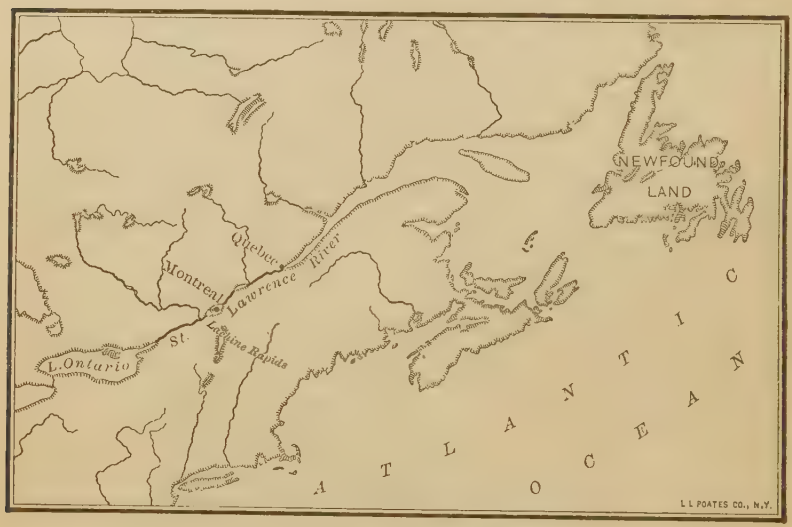
men. They seemed to be gods or visitors from some far-off planet. The redmen crowded about the strangers, crying in delight, caressing their beards, feeling of their clothing and rubbing their rough faces, and looking with awe at their armor and firearms. The sick and the maimed also came to Cartier and asked him to cure them by his miraculous power. He read prayers over them and then the Indian women spread a great feast, consisting of fish, corn, beans, and other things. The Frenchmen did not eat, however, as the food was not particularly clean.

Cartier and his men spent the winter on board their ships and suffered terribly from the cold. They had never experienced anything like it before. They said that the ice was "above two fathoms (twelve feet) thick" and "snow above four feet high and more." Twenty-five men died of scurvy and were buried in the snow, as graves could not be dug for them in the frozen ground. At one time, a hundred out of a hundred and ten were on the sick list. They reported upon their return to France that they were quickly cured of the disease by drinking the juice of the leaves of a certain tree which had been pointed out to them by the Indians. The Indians called this wonderful tree the "Ameda" but just what it was, we do not know. Some have thought it the spruce, others the arbor vitae, and still others the sassafras.

In the spring, when the ice melted, the survivors were glad enough to go back to their homes in France.

Cartier, however, was not the kind of man to give up easily; so, a few years later (1541), we find him again preparing to visit the New World. He crossed the Atlantic, pierced the fog banks of Newfoundland, and sailing

past "the island rocks, crowded with screaming sea-fowl, and the forests breathing piny odors from the shore, cast anchor again beneath the cliffs of Quebec." This time he brought cattle, goats, and hogs with him and expected to found a colony. He built a rude fort on the beautiful spot where Quebec now stands, but he remained there



EARLY FRENCH SETTLEMENTS

only a few months. When he went back to France, he took with him some shiny rock crystals, which he thought were diamonds. These quartz crystals may still be found at some places on the St. Lawrence.

Cartier, too, failed to find the strait leading to Asia, but his voyage gave the French a claim to the St. Lawrence region. Along the great river the French hoped, at some future time, to establish the kingdom of New France in America.

The Strait Leading to India. And now what about the long-sought-for strait leading to India? Men kept on seeking for it, but no one found it, simply because there was no strait to be found. To solve the problem, the United States *made a waterway* — the Panama Canal — near the route which Balboa traversed just four hundred years before. The problem of a western strait was solved by the shovel.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. What is the explanation of the "lost day"?
2. Do you not wonder at the fact that the work of these explorers was so little appreciated while they lived?
3. Notice as you go along what permanent mark these early voyagers have left on the map of the world — Americus Vespucius, America; Magellan, Straits of Magellan; Cartier, Lachine Rapids, etc.
4. What great good came of the attempts to find the strait leading to Asia?
5. What do you think of our government's solution of this problem?
6. Notice the changing conception of the "known world" since Greek and Roman days. Summarize the steps that changed man's notion of the size and shape of the earth.

PRONOUNCING LIST

Balboa. bäl-bō′ä
Cabot. kăb′ŭt
Darien. dā′rĭ-ĕn′
Jacques Cartier. zhăk kär′tyā
Lachine. lȧ-shēn′
La Plata. lä plä′tȧ
Malo. mä′lō
Philippines. fĭl′ĭ-pĭnz
San Roque. sän rō′kā
Verrazzaño. vĕr′rät-sä′nyō

CHAPTER XXI

SPANISH CONQUESTS IN AMERICA

The men of Europe began to see, after a time, that the New World might be more important than the Indies. So some of them gave up the rainbow chase for a strait

leading to India and began the exploration and conquest of America. In this work, the Spaniards took the lead.

Cortez Conquers Mexico (1519–1521). The Spaniards started out from Haiti and took possession of Porto Rico and Cuba. From Cuba a bold adventurer, named Hernando Cortez, set out at about the same time that Magellan was beginning his famous voyage to conquer and plunder the rich Indian tribes of what we now call Mexico. Cortez was the son of a poor country gentleman in Spain and a man of courage, shrewdness, and audacity. He was secretary to the governor of Cuba, who appointed him to command the expedition which was to make a conquest of Mexico.

On the tenth of February, 1519, Cortez set out with eleven vessels, carrying five hundred fifty Spaniards, about two hundred or three hundred Indians, one negro, and sixteen horses. He landed near San Juan and soon made his way inland to the city of Mexico, the capital of the kingdom. Good fortune seemed to attend him from the very outset. Just when defeat seemed certain, Cortez would somehow come out victor by a brilliant stroke of some kind.

The Aztec kingdom which Cortez was fighting was a sort of league or confederacy of Indian tribes under an emperor or king called Montezuma. The Aztecs were good fighters, although they apparently knew nothing of the use of iron. They were skillful archers and used their club-like swords with terrible effect. These swords were double edged, the cutting parts being made of a sharp glassy stone called obsidian.

The Spaniards were, of course, better armed. They carried the rude firearms of their day and their bodies

were protected by heavy armor. Their horses also were exceedingly useful in the fight. The Indians had never seen such strange and terrible monsters before and took to their heels at the first sight of them. When they stopped running, they usually got behind a tree or a wall and peeped timidly out to see what the strange animals were going to do. The Aztecs largely out-numbered the invaders, but as the Spanish soldier was "a bulldog for strength and courage," he came out triumphant in the end.

MONTEZUMA

Cortez believed that when a man set out to do a thing, he should never give up; so before starting inland, he had all of his ships scuttled and sunk so that his men might have no thought of returning to Cuba. Cortez did not tell his men at first what his purpose was in destroying the ships and as they disappeared one at a time, the men became suspicious and began to upbraid their commander. Finally when there was only one ship left, Cortez called his men together and told them that their vessels had been destroyed because there was no further use for them. "Brave men," he said, "do not care for a means of retreat. I have, however," he continued, "saved one ship to carry the cowards back to their homes and all who wish to go on board will please step forward." No one stepped forward, of course, and Cortez proceeded

to overthrow the Aztec kingdom with his handful of men.

This was a strange march to the capital city of Mexico. The land was rich in precious metals and there was evidence on every hand of a high degree of civilization — much higher than the Europeans had found elsewhere in America. The Spaniards saw works of art, fine palaces, and beautiful temples and they rubbed their eyes and asked each other if they were dreaming. It seemed very much like a fairy land.

But they also saw many disgusting spectacles. They saw evidences of cannibalism and of human sacrifice. The altars of the temples were still wet with the blood of the victims and others were waiting to be offered up. These repulsive sights stirred the wrath of Cortez and more than once he smashed the idols, cleansed the temples of their reeking filth, liberated the intended victims, and had mass said after the whole place had been sprinkled with holy water.

Several things aided Cortez in his enterprise. In the first place, there were many Aztecs who did not like Montezuma — no ruler can please every one — and these were only too glad to join the Spaniards. In the second place, a beautiful young Indian girl, named Marina, joined the expedition and proved to be of great assistance to Cortez. She was exceedingly keen and bright. She knew two Indian languages and picked up the Spanish very readily. She also aided Cortez with her knowledge of the country and of the people and became so useful to him that Montezuma and others called him, "the Lord of Marina."

There was also a tradition among the Aztecs to the effect that one of their gods — "a fair-haired god of the sky" — had been banished into the sea and that he would return to them in more prosperous times. When the Aztecs saw the strange Spanish ships nearing their shores, they were sure that their "fair god" was coming back to them. Even after they saw Cortez and his men, face to face, they believed that they were more than human and possessed of god-like power. The white faces, the thick beards, the shining arms, the roaring cannon, and the neighing steeds all tended to increase the awe of the natives and to make them shrink from an attack. Why fight against "children of the sun" who can read your very thoughts and whose bodies your weapons cannot harm? Cortez knew exactly how the natives felt and was shrewd enough to make use of this knowledge.

THE SCENE OF THE CONQUEST BY CORTEZ

Cortez Reaches the City of Mexico. Finally the capital city of Mexico appeared in view. The Spaniards opened their eyes in wonder and amazement. Such a city they had not seen in the New World. It stood in the midst of a lake and was reached by four causeways or roads of solid stone from twenty to thirty feet in width. Near the city were drawbridges, across which the roads continued to the temple, which stood in the middle of the great square. The people walked about on the cement

walks or paddled their canoes from place to place as they saw fit. Immense houses of red stone lined the walks. There were flower gardens on the roofs and floating gardens on the lake in which maize, beans, tomatoes, and other vegetables grew. In the market-place, criminals were tried and sentenced and Aztec barbers shaved the scanty beards of the natives with razors of obsidian. The place where human beings were offered up as sacrifices to the idols was really too hideous and horrible for description.

The city of Mexico had about sixty thousand inhabitants when Cortez and his men came into it as unwelcome guests early in the November of 1519. Montezuma gave the Spaniards a large house near the temple which they used for their lodgings. This one house was large enough to accommodate the four hundred and fifty Spaniards and about one thousand Indians who had joined the army of Cortez. Montezuma was made a prisoner, although he was treated with the greatest of kindness and consideration by the Spaniards.

Cortez was carrying things with a high hand in the city of Mexico when the news came to him in the spring (1520) that an army of twelve hundred soldiers had landed in Mexico, having been sent by the governor of Cuba for the purpose of arresting the conqueror. With his usual decision and promptness of action, Cortez marched with three hundred men to the coast and captured the invading army, almost before its commander knew what was going on. And then at the head of the combined Spanish forces he set out again for the city of Mexico.

On the twenty-fourth of June, he entered the city for a second time, without opposition. He was surprised, how-

ever, when he found the streets silent and deserted, save for a few Aztecs who shot hostile glances at him from their doorways. It was a suspicious reception and a little later,

CORTEZ FIGHTING THE AZTECS

"a hoarse sound arose, like the murmur of distant waters, and soon the imprisoned Spaniards from their tower saw pyramids, streets, and house-tops black with raging warriors." The Spaniards had been led into a trap. The slaughter was terrible. The Spanish cannon cut wide swaths into the Aztec ranks and the canals of the city were

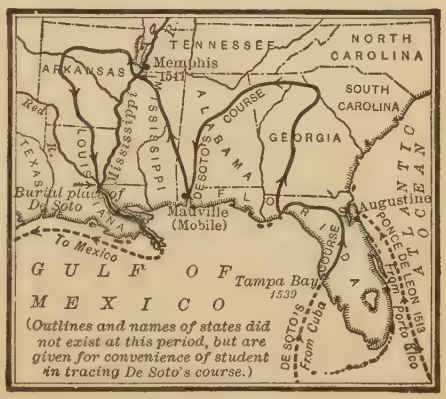
said to have run red with blood. The Indians, utterly reckless as to their own safety, fought like hornets and stung the Spaniards with their burning arrows. Cortez ordered Montezuma to go out upon the roof of a building and try to pacify his people. He did so, but a shower of stones and darts struck him down and he died a few days later.

Cortez then, fearing that his army might be shut up within the city and starved, made up his mind to abandon the place in the night. Again the Spaniards met with no resistance for a time. The streets were deserted and all seemed to be going well, when suddenly the Aztecs fell upon the luckless Spaniards with terrible fury. Cortez lost seven hundred and fifty men in addition to four thousand allies and sixty horses. His cannon were at the bottom of the lake and forty Spaniards were waiting to be offered up as sacrifices to the god of war. "Then Cortez sat down upon the rock and buried his face in his hands and wept." This awful time has since been called "the Sad Night."

Not for a moment, however, did Cortez think of giving up the fight. He gathered up the remnants of his army, sent for more men and horses, rallied Indians to his banner, and began his famous siege of the city of Mexico on the twenty-eighth of April, 1521 — the day of the death of Magellan in the Philippines. The Spaniards took the city, after one hundred and seven days of the fiercest fighting. Canals and sidewalks were clogged with dead bodies and the whole city was a scene of desolation. The power of the Aztec confederacy, however, was broken and Mexico passed into the control of Spain.

A great change took place in the capital city. The temple, reeking with the blood of its innocent victims, was demolished and a Christian church was erected upon the spot. Pious monks followed in the wake of Cortez and continued the work of casting down the idols, but in a different way.

De Soto Discovers the Mississippi River (1541). Cortez, however, was not the only Spaniard to explore and conquer lands for his country. Twenty years after Cortez left Cuba for his conquest of Mexico, Hernando de Soto began his famous expedition.



THE ROUTE OF DE SOTO'S EXPEDITION

De Soto was a brilliant young Spaniard who started life "with nothing but his sword and shield," but achieved both fame and fortune. He took a prominent part in the Spanish conquest of Peru and returned to Spain with a large fortune. In addition to this, the king of Spain, being very grateful to him for his services, made him governor of Cuba and gave him a commission to make a conquest of the whole southern part of what is now the United States.

De Soto sailed from Havana in May, 1539, with nine ships, carrying six hundred and twenty men, two hundred and twenty-three horses, and a large drove of hogs. He intended to colonize as well as to conquer. He landed at Tampa Bay, Florida, and began his laborious march into

the interior. After floundering about in the swamps and jungles of the Gulf region for two years, he discovered the Mississippi River in the spring of 1541. One of the members of De Soto's party described the great river when they first saw it as follows: "The river was almost half a league broad. If a man stood on the other side it could not be discerned whether he were a man or no. The river was of great depth, and of a strong current; the water was always muddy; there came down the river continually many trees and timber."

Early in June, De Soto crossed the river a short distance south of the place where the city of Memphis now stands. It was no easy task to cross the broad, swift stream and it took De Soto and his men a whole month to build barges for that purpose. After crossing the river, they again pushed westward through swamp, thicket, and tangle. The weather was so cold and the snow so deep that they were compelled to stay in rude houses most of the winter.

De Soto came out of his winter quarters much worn by the hardships of the expedition and soon was a very sick man. His end was drawing near and he knew that he would never again return to Cuba. Brave unto the end, however, he called his men together, bade them farewell, and named another to succeed him in the command. On the following day, the twenty-first of May, 1542, he died of swamp fever and his body was taken out in a canoe and sunk in the middle of the great river which he had discovered. His men did not want the Indians to know that he had died.

With the death of De Soto the soul of the expedition was gone. Numerous misfortunes befell the luckless band.

The Indians were hostile and provisions ran short. All of the pigs and about twenty-two of their horses had been killed for food. The men had about reached the giving-up point and their great leader was no longer present to give them new courage. They then built rafts and rude boats and floated down the river in the midst of danger from the current and also from the Indians along the bank, as they had no firearms of any kind. They reached the sea in sixteen days and then made their way along the Gulf coast and finally reached the Spanish settlements in Mexico. "Thus ended the most remarkable exploring expedition in the history of North America."

It took De Soto's men four years, three months, and eleven days to make the journey from Tampa Bay to Mexico. Six hundred and twenty men started out on the expedition and only three hundred and eleven returned. The Spaniards were looking for gold and land and the redmen did not receive them very cordially. Cruelties were practiced on both sides. Many a poor Indian was torn to pieces by the fierce dogs of the Spanish explorers and De Soto's men suffered grievously from the stealthy night attacks of the savages. On one occasion, the Spaniards went into winter quarters in an Indian village in the northern part of what is now the state of Mississippi. Without warning the Indians fell upon the village at midnight with fire and slaughter. Some of the Spaniards were killed and most of those who escaped lost their clothing and provisions in the fire. Several hundred hogs and about fifty horses were burned. Before the march could be resumed, clothing had to be made for the men from the skins of wild animals.

The Spaniards were not on the march, of course, during the entire four years. They stopped now and then, sometimes for long periods, to rest the men and to fatten the horses. Sometimes they had plenty of good food and again their rations were short. They lived on wild turkeys and partridges which they shot and the pigs which they brought with them. They also got corn and beans from the Indians and found grapes, plums, and mulberries growing wild.

CARMEL MISSION NEAR MONTEREY, CALIFORNIA

The Spaniards established their missions wherever they made permanent settlements. These missions were the centers of religion and education. The buildings, many of which are still standing, are interesting and quaint.

In the course of time, many other conquests on the American continent were made by the Spaniards. To-day their descendants are scattered all the way from Texas to Cape Horn and have done much to improve the civilization of this vast area.

The Spanish Missionaries. You will remember that when Columbus and his men made their great voyages to the West, they had it in mind to convert the native tribes to the Christian religion. The Spaniards who followed them kept this idea in mind, and as soon as the explorers had blazed the way into the forest, the missionaries began their work. The rude fort was scarcely finished before the church and the school appeared at its side. In Mexico

and California religion and education followed the Spanish conquest.

For the purpose of religious instruction, the Indians were gathered together in villages. They were also taught how to make better homes and to live more comfortably. Gardens, farms, and ranches they cultivated under the direction of their teachers. Indian boys also made simple tools and implements in the workshops which the missionaries had set up. The monks were so much in earnest about their work that sometimes, when they were unable to induce the Indians to attend their schools, they compelled them to do so by kidnapping. This was probably the beginning of compulsory education in America.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Notice that Spain made it possible for Columbus to make his voyages. Spain also took the lead in the exploration and settlement of the New World.

2. The remains of many of the old Spanish Missions are still to be seen in Southwestern United States and in Mexico.

3. Why were the Spaniards so eager to conquer Mexico?

4. It was a Spanish priest, Las Casas, who persuaded Charles V in 1542 to put an end to Indian slavery. In order to save the Indians he advised the planters to obtain negroes. This he afterward regretted. Through his efforts, however, the Indians on the mainland were saved from extermination.

PRONOUNCING LIST

Aztec. ăz′tĕk
Hernando Cortez. Hār-nän′dō kôr′tĕz
Hernando de Soto. dē sō′tō
Las Casas. läs kä′säs
Marina. mä-rē′nȧ
Montezuma. mŏn′tĕ-zōō′mȧ
obsidian. ŏb-sĭd′ĭ-ăn
San Juan. săn hwän

CHAPTER XXII

ENGLAND STRIVES FOR A SHARE OF THE NEW WORLD

"There has been no greater period in English history than the reign of Elizabeth." — CHEYNEY.

If we had time, we might tell other stories of Spanish exploration and conquest just as interesting and heroic as those which have been told. We might tell of the exploits of Ponce de Leon, who explored what is now Florida (1513), searching for a suitable site for a colony and also for the mythical "Fountain of Youth" whose waters, it was said, would prevent one from growing old.

We might also follow Coronado in his search for the famous "Seven Cities." He had been told that somewhere in the interior of the continent there were seven large and wealthy cities, whose inhabitants lived in palatial stone houses and used kitchen utensils made of gold and silver. These tales lured Coronado and his men into the dark interior. For three years they tramped about in the southwestern wilderness. Some of them went into what is now Kansas and some of them gazed with awe upon the Grand Canyon of the Colorado. They found the "Seven Cities," but they did not find marble palaces adorned with gold and silver — nothing but rude Indian houses. They finally saw that they were the victims of idle tales.

Now Balboa, Cortez, De Soto, Ponce de Leon, and Coronado were all Spaniards. The Spaniards had explored very extensively in North, South, and Central America. In fact, practically all of the exploring that had

been done in the New World, except what the French had done in the St. Lawrence region, was carried on by the Spaniards. The New World had been discovered by the Spaniards and the Pope's Line of Division (see map, page 221) had given them all of the American continents with the exception of Brazil. It would seem from this that

CORONADO ON THE MARCH

Spain was in a fair way to get possession of nearly all of the New World. She did not do so, however, and we must now seek the reasons why.

In the first place the Pope's Line was no longer respected as it once was. Conditions had changed. The Pope was no longer the head of all the Christians in Europe. Many people had become dissatisfied with the Roman Church. They *protested* against certain practices of the church and were called *Protestants*. The greatest leader of the Prot-

estants and one of the founders of the Protestant Church was Martin Luther of Germany. Twenty-four years after the Pope's Line was drawn (1517), Luther declared that certain practices of the Roman Church were not in harmony with the true doctrines of the Christian Church. This declaration was made in writing and was posted on the door of a church in Germany. The posting of this document marks the beginning of that movement known in history as the Protestant Reformation. The Protestants made considerable headway in Europe, especially in the northern part, and, naturally enough, those peoples who had broken away from the Roman Church no longer felt bound by the Pope's Line. England, for example, had become largely Protestant by the time of Queen Elizabeth (1558–1603) and felt quite independent of the Pope.

In the second place we should remember that the nations of Europe in the sixteenth century were not very particular about the right and wrong of things. If they really wanted to have a certain piece of territory, they could easily find an excuse for taking it — provided they were strong enough. It was a case of "might makes right" and the weaker nations suffered.

A hundred years had passed since the discovery of America before the nations of Europe really took up the colonization of America in earnest. During that hundred years, important changes had taken place. France and England had increased very greatly in strength but Spain had not. In some respects, she had become weaker. The Spaniards had done more than any other people in the discovery and exploration of the New World, and had

strong claims to large parts of North, South, and Central America. But when the work of colonization really began in earnest, England, France, and Holland were strong enough to ignore these claims and to colonize some of the choicest parts of America. At the start, Spain had a great advantage over her rivals, but when the scramble for territory came, she was no match for them in strength. The Spaniard blazed the trail and Europeans of other nations followed in his wake.

England in the Days of Elizabeth. One of the strongest and most successful of these rivals was England. The English were a hardy, vigorous, and enterprising race of men and in the course of time made their country one of the strongest on the globe. Henry VII was the king of England when Columbus discovered the New World. He was the same king that sent John Cabot on his famous expedition to the coast of North America. It was in Henry's time, also, that the Revival of Learning reached England. This made a great change. England became more wide-awake and enterprising than she had ever been before, and by the time of Elizabeth (the granddaughter of Henry) she was sending her bold sea-rovers to the remotest parts of the globe.

Queen Elizabeth was one of the ablest monarchs that ever occupied the English throne and came into power just at the time when the colonization of the New World was being talked of everywhere. And now wide-awake England, under her equally wide-awake queen, was ready to contest the possession of America with Spain and the other nations. She enjoyed such contests and was eager for the fray.

Queen Elizabeth was a vigorous and intelligent young woman of twenty-five when she came to the throne of England. She was well educated and could speak and write Latin, French, and Italian. She had studied Greek and spoke and wrote strong, vigorous English. She was bold and self-reliant and remarkably well posted upon problems of government.

Queen Elizabeth

On the other hand, she was vain and conceited and not particularly refined. She was very fond of fine clothes and loved to display them in public. But Elizabeth loved England and governed in the interest of the whole people and not of any one class. She was of queenly bearing, had an intelligent but not beautiful face, a lofty spirit, and strong character. She was also "a bold horsewoman, a good shot, a graceful dancer, a skilled musician, and an accomplished scholar."

She liked to have her own way and sometimes allowed her temper to flame out in bursts of anger. On one occasion, she soundly boxed the ears of her adviser when he did something to displease her. But, on the whole, Elizabeth was a good and strong ruler and her reign was the greatest period in English history up to that time.

Sir Walter Raleigh. One of the men who helped to make the reign of Elizabeth illustrious was Sir Walter

Raleigh. England now has a colonial empire which girdles the globe. The sun never sets on English colonies. The beginning of this great empire she owes to Raleigh. Raleigh was a famous sea-rover, soldier, colonizer, and adventurer. He was born in England near the sea and

THE BOY RALEIGH LISTENING TO TALES OF ADVENTURE

spent a large part of his boyhood days in listening to the sailors recounting their voyages of adventure. He also read all of the books which he could get relating to great sea voyages. He was a student at Oxford University and later aided the Dutch in their fight for liberty against Spain. He spent a great deal of time at the queen's court and became a great favorite with her. He was tall

and striking in appearance, with wavy hair and bright blue eyes. His wit was exceedingly nimble, his manner gracious and attractive. In a word, he was a natural born gentleman as brave as he was generous.

There is a story told of him which may or may not be true, but it is quite in keeping with the character of the man. The queen was walking one day with one of the ladies of the court, when, it is said, she came to a mud puddle. She did not wish, of course, to put her daintily slippered feet into the mire, and so she hesitated for a moment. Quick as a flash, Raleigh, who saw the queen's hesitation, snatched a beautiful plush coat from his shoulders and spread it out for the foot of the queen to tread upon. Elizabeth walked across on the luxurious carpet which Raleigh had provided for her and later gave him rich rewards in offices and estates.

There is another story told of Sir Walter Raleigh which is of an entirely different character. It is said that he was the first man in England to smoke tobacco and that, as he was enjoying a quiet smoke one day, one of his servants entered the room carrying a pot of ale. The servant was horrified at seeing the smoke coming out of the mouth of his master and, thinking that he must be burning on the inside, he instantly dashed the contents of the pot upon his head, hoping to put out the fire.

Raleigh, however, was too much of a man to be content with fine clothes, polite manners, and the favor of the queen. He wanted to *do* something and he had visions of a great English empire beyond the seas. We shall see later how he put his ideas into practice and became a pioneer in the English colonization of North America.

The English Seamen of the Sixteenth Century. Raleigh was only one of a group of brilliant English seamen who plowed the ocean in the sixteenth century. They were adventurers and explorers and, if the truth must be told, pirates. They sailed out to challenge the supremacy of Spain on the ocean and liked nothing better than to chase, overhaul, and plunder a rich Spanish treasure ship. Of course, this was piracy, as the two nations were not at war. But the English of the sixteenth century did not frown very seriously upon the practice.

In addition to love of the chase and gold, there was another reason, as we have already seen, why the English sea-rovers loved to smite the Spaniards. The English were Protestants and the Spaniards Roman Catholics and there was a bitter religious hatred between the two. The Protestants believed that in fighting the Spaniards they were striking down the enemies of God; the Spaniards, on the other hand, looked upon the Protestants in England very much as they might look upon the infidel Turk. And so whenever English and Spanish crews met upon the high seas, there was war to the knife and no quarter given or asked.

English seamen also sold African slaves to Spanish colonists against the wishes of Spain. In 1562, John Hawkins, of Plymouth, England, captured three hundred negroes on the coast of Africa and sold them to the Spaniards at Santo Domingo. The king of Spain protested against this, but to no avail. A short time later, Hawkins again appeared in the West Indies with a dusky cargo and disposed of his slaves in spite of the opposition of the governors.

A few years later (1572) Francis Drake, one of the greatest of the sea-rovers and a relative of Hawkins, started out deliberately to plunder the Spaniards. He appeared suddenly in the harbors of the West Indies, captured and plundered vessels lying at anchor in the ports, set fire to the towns, and put to the sword all those who dared to resist him. He met a train of mules bringing rich loads of gold and silver from the mines of Peru and promptly relieved them of their treasures. On his way back to England, he pounced upon and looted a Spanish treasure ship. All of this was piracy and highway robbery, of course, but the English people, including the queen, applauded his exploits and laughed at the protests of Spain. Evidently the time was coming when the two great nations "would have it out."

Sir Francis Drake

Drake Sails Around the World (1577–1580). Drake, however, had an ambition to do greater things than plunder Spanish ships. In 1577, he sailed west with five ships and about one hundred fifty men. Not one of the company, with the exception of Drake himself, knew where the expedition was going. They went to the West Indies and then sailed down the coast of South America to the Straits of Magellan. After passing through these straits in the wake of the great Magellan, Drake met frightful

storms on the Pacific. One of his vessels turned back and three others were lost. The remaining men also wanted to beat a retreat, but Drake would not listen to them. He landed on a barren shore long enough to hang one of the leaders of the mutiny and then sailed up the west coast of South America. With one small vessel, the *Pelican*, and less than one hundred men, he passed along the coast of Chili and Peru, plundering as he went. He would dart

DRAKE'S VOYAGE AROUND THE GLOBE

suddenly into a port, plunder the ships lying at anchor, go on shore and seize the stores of gold, silver, and precious stones, and then quickly sail away, leaving his victims dumbfounded and with their pockets turned inside out. Finally, he came opposite the present site of San Francisco, seeking now for a passage through the continent by which he might return to England. Finding none, he sailed westward across the Pacific, through the East Indies, and back to England by way of the Cape of Good Hope.

This was the second voyage around the globe. The *Pelican* had followed in the wake of Magellan's ship, the *Victoria*. She "was loaded with bars of gold, boxes of precious stones, and tons of silver, amounting in value to some four million dollars." This rich booty was divided among the promoters of the expedition and the queen and Drake himself had large shares in the Spanish wealth.

It might be interesting for a moment to take a glance at the boyhood of Sir Francis Drake. The hulk of an old ship, moored off an English dockyard, was the boyhood home of Sir Francis. Here he heard the sailors sing their songs and listened with rapt attention to tales of adventure on the sea. He grew up to be a sturdy and self-reliant lad and found employment on a ship sailing from France to Holland. While in Holland he saw the cruel way in which the king of Spain oppressed his Dutch subjects and came to hate him very cordially for it. At a later time, Drake and Hawkins, his relative, were compelled to seek the shelter of a Spanish port in the Gulf of Mexico. Here the Spaniards attacked them and destroyed one half of their ships, although they had promised not to harm them. From that time on, Hawkins and Drake took great delight in goading the Spaniards wherever they found them. We shall meet Sir Francis Drake later when he sets out to "singe the beard of the King of Spain."

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Compare Magellan and Drake as to route, purpose, and results of expeditions.

2. Read in any good history of England an account of Elizabeth's reign. Was she a "good and strong ruler"? Would she be so considered today?

3. Is there any geographical exploration going on at the present time? See, if you can, a copy of the "National Geographic Magazine." It is in all libraries.

4. Do you think Spain had just cause for complaint against Drake and Hawkins?

5. Why did Spain seem to be the rightful possessor of most of the New World?

6. Why was Raleigh the favorite with Queen Elizabeth? What is the most important work that he did?

PRONOUNCING LIST

Chili. chĭl'ĭ
Coronado. kō'rō-nä'dō
Peru. pĕ-rōō'
Ponce de Leon. pōn'thā dā lā-ōn'
Raleigh. rô'lĭ

CHAPTER XXIII

FRANCE AND SPAIN CROSS SWORDS IN AMERICA

Poor Spain was beset by enemies on every side. Not only England, but France as well, wished to share in the profits and glories of the New World. Spain was like a dog with a juicy bone. She soon found other nations snarling about her and ready to grab her prize.

Wars between France and Spain in Europe. At the time of which we are speaking, Charles I was king of Spain and Francis I king of France. These two monarchs looked at each other with jealous and hostile eyes and their subjects were almost equally unfriendly. Both Charles and Francis wished to be elected Emperor of the Holy Roman Empire. Charles was chosen and Francis, greatly disappointed, nursed his grievance. He made an attack upon Charles whenever he had an opportunity and for twenty-three years kept up a running fight against the emperor. A large part of the fighting was

done in Italy and it was in these wars that Chevalier Bayard became known to the whole civilized world.

Chevalier Bayard. Bayard was a member of a noble French family who entered the service of the Duke of Savoy as a page. While in the service of the duke, he obtained an excellent training in the duties of the soldier and also became skillful in the use of weapons. He was so skillful in war, and so brave in personal combat that he became known as the "Invincible." In one great battle, in which the king had command in person, Bayard fought bravely and contributed largely to the victory which saved France. After the close of the contest, the king requested that he himself be made a knight and that the knighthood be conferred upon him by the brave Chevalier. "Bayard, my friend," said the king, "I wish to-day to be made knight by your hands, because you have fought on foot and on horseback in many battles and are reputed to be, above all others, the most worthy." Bayard hesitated to comply with this request because he did not feel himself worthy to bestow knighthood upon his king; and so he replied: "Sire, he who is king of so noble a realm is a knight above all other knights." To this the king simply answered, "Come, Bayard; make haste." Whereupon Bayard drew his sword, conferred the order of knighthood upon Francis and then said, "Assuredly you are the greatest prince who ever was made knight. God grant that in the war you shall never take flight." He than flourished his sword in the air and said as he put it into the scabbard that he would always cherish it as a "sacred relic, honored above all others," because it had been used in knighting his king.

While fighting for his king and country in northern Italy (1524), he was mortally wounded while conducting an almost hopeless retreat. His men by whom he was so greatly beloved were about to carry him from the field,

DEATH OF BAYARD

when he said, "No, let me die in peace. It is all over with me." He died there propped up against a tree and amid the whistling of the bullets.

"It was said of Bayard by military men of his time, that he assaulted like a grayhound, defended himself like

a lion, and retreated like a wolf, which always retires from its pursuers with its face towards them. . . . In an age which combined strangely coarseness with refinement, Chevalier Bayard was admitted by friend and foe, by priest and soldier, to be a perfect model of Christian knighthood." Is it to be wondered at then that Bayard has ever since been called the "knight without fear and without reproach?"

The French and Spaniards Cross Swords in America. The French and Spaniards, however, did not do all of their fighting in Italy. They also crossed swords in the forests of North America. Francis knew very well that North America had been granted to Spain by the Pope's Line of 1493, but he said that he saw no good reason why the Spaniards should own the whole earth. So in 1524, the very year of Bayard's death, he sent out John Verrazzano, an Italian navigator of whom we have heard, in an attempt to find an all-water route to the East. He failed in this, but he sailed along the Atlantic shore of North America from Newfoundland to the Cape Fear River.

Cartier (1534). Ten years later, Cartier, a Frenchman, came, as we have already seen, on a similar errand. He, too, was searching for a route to the Indies. Entering the mouth of the St. Lawrence River, he sailed up that stream "until," as he said, "land could be seen on either side." He soon returned to France, but came back in the following year (1535) and sailed up the river to the present site of Montreal.

Coligny and the Huguenots (1562). The first really serious attempt on the part of the French to found a

colony in the New World was made by Admiral Coligny. Coligny was the able leader of a band of French Protestants, called Huguenots. These Huguenots were being persecuted in their native land on account of their religion and Coligny determined to find a haven of rest for them in America. So, in 1562, he sent out a company of his people under the command of Jean Ribaut. These colonists avoided the frozen north, where Cartier and his men had had such unpleasant experiences, and turned their prows towards the milder south. On May Day, Ribaut entered the mouth of the St. John's River in Florida and named it "the River of May." "Never had they known," says Francis Parkman, "a fairer May Day. . . . The tranquil air, the warm sun, woods fresh with young verdure, meadows bright with flowers; the palm, the cypress, the pine, the magnolia; the grazing deer; herons, curlews, bitterns, wood-cock, and unknown water-fowl, that waded in the ripple of the beach; cedars bearded from crown to root with long, gray moss; huge oaks smothering in the folds of enormous grapevines; such were the objects that greeted them in their roamings, till their new-discovered land seemed the 'fairest, fruitfulest and pleasantest of all the world.'"

Admiral Coligny

Ribaut established a colony on Port Royal Island and named the whole country "Carolina," in honor of Charles,

the King of France. The colony was a failure and was abandoned within a year. The handful of people remaining alive at the end of that time were only too glad to get back to France.

Fort Caroline in Florida. Not discouraged by this failure, the French made another attempt two years later (1564). At first they tried to find some trace of Ribaut's colony but were unable to do so, as the remnant of it had sailed for home a short time before in a rude vessel built by their own hands. Leaving the ill-fated site of the Port Royal colony, they pushed on to the River of May in Florida. On the bank of that stream, they built a rude fort which they named Caroline in honor of King Charles. This colony was another weakling. The men were not made of the proper stuff. They were shiftless and dissolute and could not bear up against disease, hunger, and Indian attacks.

The Destruction of Fort Caroline. In the meantime, the Spaniards, who felt that they owned this whole country, were looking upon the struggling French colony with hostile eyes. They regarded the French as intruders in their domain and resolved to wipe them out. The Spaniards, who were Roman Catholics, were especially bitter towards the Huguenots, who were Protestants.

In 1565, a Spaniard named Menendez came to America and founded St. Augustine in Florida and announced his intention to "gibbet and behead all the Protestants in these regions." He set about his bloody work at once and completely exterminated the French colony on the River of May. He attacked the fort just before daybreak in the midst of a driving rain while the French were

in a sound sleep. It was soon over. One hundred and thirty dead men lay scattered about the scene of the bloody combat. By order of Menendez the women were spared. So also were the children under fifteen years of age. About fifty other persons also escaped with their lives by swimming across the river or by embarking in small boats.

PEDRO MENENDEZ

It is interesting to note something more of this Spanish soldier. Menendez was one of the ablest and most famous officers in the Spanish navy. He had been a wild and ungovernable youth. He ran away from home at the age of eight, but was caught and brought back. He ran away again and this time got on board a fleet which was setting out against the Barbary Corsairs. Menendez delighted in battle and slaughter and while fighting against the Barbary States, it is quite probable that his "appetite for blood and blows" was fully satisfied.

Menendez came to Florida (which had much larger dimensions than the present State) with twenty-six hundred and forty-six persons in thirty-four ships. His flagship was described as "one of the finest ships afloat." Menendez held a parley with the French on their boats off the mouth of the River of May. He asked them who they were. They replied that they were Frenchmen.

"Are you Catholics or Lutherans?" he then asked. "Lutherans of the new religion," cried many voices. "But," said the French, "who are you and where do you come from?" The answer came: "I am Pedro Menendez, general of the fleet of the King of Spain, Don Philip the Second, who have come to this country to hang and behead all Lutherans whom I shall find by land or sea. . . . I have power to pardon none. . . . At daybreak, I shall board your ships." To which the French shouted back in derision: "If you are a brave man, don't wait till day. Come on now and see what you will get."

The Attack. When the Spaniards approached the settlement there was not a sentinel on the ramparts. A lone trumpeter, peering through the sheets of rain, saw the advancing hosts and blew a loud blast. The half-naked soldiers rushed from their quarters, only to be struck down by the wolfish Spaniards. One hundred and forty-two lay dead in and around the fort. The prisoners Menendez hanged on trees and placed over them this inscription, "I do this, not as to Frenchmen but as to Lutherans." This was the sad ending of Fort Caroline. "Thus did France and Spain dispute the possession of North America long before England became a party to the strife."

The Avenger, Dominic de Gourgues. Presently there came a man to take vengeance upon the Spaniards for the blood of the French. Dominic de Gourgues was a French soldier of high birth and great renown. "He hated the Spaniards with a mortal hate," and when he heard of the bloody fate of his countrymen in Florida, it is said that "his hot blood boiled with fury." He gathered together a small party of men and on August 22, 1567,

sailed away to strike the Spaniard in the New World. "The moon rode high above the lonely sea, and, silvered in its light, the ships of the avenger held their course. . . . They glided slowly by the somber shores in the shimmering moonlight, to the sound of the murmuring surf and the moaning pine trees." At noonday they approached the Spanish fort and made ready to strike the enemy. The Spaniards had just finished their dinner and, according to an old writer, "were still picking their teeth" when the war cry rang out. The French attacked the fort with terrible fury, and skulking Indians cut off the fugitives in their attempt to escape. One account says that not a single Spaniard got away with his life; another, that a few of them escaped to the hills; "and thus," says Francis Parkman, "did the Spaniards make bloody atonement for the butchery of Fort Caroline."

Near the foot of the fort, the trees were pointed out to De Gourgues upon which Menendez had hanged his prisoners. To these trees De Gourgues ordered the Spanish captives to be led. After suspending them from the same limbs upon which the French captives had been hung three years before, he placed over them a pine board, bearing this inscription burned into it with a red-hot iron: "Not as to Spaniards, but as to Traitors, Robbers, and Murderers."

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Of the three rivals — Spain, England, and France — which seems to you to have had the best right to the "New World"?

2. Take the side of any one of these nations and present its claims to your class.

3. You should realize how Spain was handicapped in this struggle by having two such powerful enemies as England and France.

4. Tell what you know about the following: Chevalier Bayard, Cartier, Coligny, Fort Caroline, Menendez, Jean Ribaut, Hugenots, De Gourgues.

5. Rule off three columns on a piece of paper. Mark the heads of these columns respectively, Spanish, French, English. Then under each head write down as many places as you can think of that were discovered in the New World by these peoples. Make your own map showing these places and put alongside of each one the name of the explorer who discovered it.

PRONOUNCING LIST

Chevalier Bayard. shĕv′ȧ-lēr′ bī′ĕrd
Coligny. kŏ′lēn′yē′
Dominic de Gourgues. dŏm′ĭ-nĭk dē gōōrg′
Huguenot. hū′gē-nŏt
Jean Ribaut. zhän rē′bō′
Menendez. mā-nĕn′dāth
Savoy. sȧ-voi′

CHAPTER XXIV

THE DUTCH FIGHT AGAINST THEIR RULER, THE KING OF SPAIN

Poor Spain was in much trouble. The swords of the Dutch were also drawn against her, just when she needed all of her strength for the occupation of the New World.

The Dutch. The Dutch were the inhabitants of Holland — a small but very important country of western Europe. Holland was a part of the Netherlands, which at this time was under the control of Spain.

The word "Netherlands" means "lowlands" and was so called because a large part of the land was below the level of the sea. Before its sturdy and industrious inhabitants had built their dykes to keep back the ocean and their embankments to confine the rivers, the country was very often an unbroken sheet of water as far as the eye could reach. This morass was not a very promising place in which to build homes, but the Dutch were a

strong and determined race and accomplished wonders. They built great strong dykes to protect them from the ocean and high embankments to keep the rivers within bounds. They then turned their swamps and marshes into the most beautiful orchards, gardens, and flower beds. Great cities grew up and a large part of the commerce of northern Europe was carried in Dutch boats. "I was sad when I saw Antwerp," said a Ventian traveler, "for I saw Venice surpassed."

THE WINDMILLS OF HOLLAND

These clumsy structures were used all over Holland for pumping water. They saved a vast deal of hand labor and were picturesque figures on the landscape.

The Quarrel with the King of Spain. King Charles of Spain was the ruler of the Netherlands when the Protestant Reformation broke out under Martin Luther. Many of the Dutch had followed the teachings of Luther and had become staunch Protestants. This among other things made Charles very angry and he was determined to stamp out the new religion in his dominions. In his attempt to do so he sent many persons to the stake or to the scaffold. However, he made very little headway and finally left the throne and spent the remainder of his life in a monastery.

His successor was his son, Philip II. Philip tried even harder than his father had done to stamp out the Protestant religion in the Netherlands. Philip and his father

were both sincere men and thought it their pious duty before God to put an end to the Protestant religion.

The "Beggars." The Dutch, sorely persecuted, arose in revolt. One of the Spanish leaders in a moment of disgust called them the "Beggars" and said that he was not afraid of anything they could do. The Dutch immediately adopted the name and the cry went up, "Long live the Beggars." The fury of the people knew no bounds. They gathered in mobs, smashed images in the churches, burned libraries, sacked monasteries, and destroyed many beautiful works of art.

The Duke of Alva (1567). Just at the time when De Gourgues was taking his terrible vengeance upon the Spaniards in Florida, Philip, King of Spain, sent the notorious Duke of Alva to put down the revolt in the Netherlands. Alva was able, but merciless. He persecuted most cruelly on every hand and also levied oppressive taxes. One of these was called "the Tenth Penny" or a tax of ten per cent on the sale of all goods. Business was ruined and the people were almost in a panic of despair. Catholics also who opposed the oppressive designs of Alva were made to suffer side by side with their Protestant neighbors.

William of Orange. When a brave people are determined to strike for their liberty, a leader usually appears to lead them out of bondage. The leader in this case was William the Silent, Prince of Orange, who was later called "the Founder of Dutch liberties."

William of Orange is the George Washington of Holland. He was a Roman Catholic up to this time, but he now became a Protestant. Both as a Protestant and as a

Catholic, however, he set his face firmly against religious persecution. He believed that a man had a right to worship God in his own way. In this view he was in advance of his time.

WILLIAM OF ORANGE PLEDGING HIS JEWELS

He sold or pawned his estates and his other property, even his furniture, his plate, and his jewelry, and borrowed and collected money wherever he could in order to raise an army with which to deliver the Netherlands from their cruel oppressors.

For more than forty years the valiant Dutch struggled on, never despairing of their final success. They took part in many notable battles and sieges under William, their great leader, and finally (July 26, 1581), they made their famous Declaration of Independence and set up the Dutch Republic.

Three years later, William met his death at the hands of a hired assassin. Philip, failing to conquer his formidable foe in battle, had announced that he would give a title of nobility and a large sum of money to anyone who would deliver William into his hands "dead or alive." In 1584, William was struck down. "As long as he lived," says our American historian, Motley, "he was the guiding star of a whole nation; and when he died, the little children cried in the streets."

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Write a short essay on William of Orange.
2. In what respects does life in Holland differ from life in the United States?
3. Do you think that we have any lessons to learn from the Dutch?
4. How was William of Orange the George Washington of Holland?

PRONOUNCING LIST

Alva. äl'vä **Antwerp.** ănt'wẽrp

CHAPTER XXV

ENGLISHMEN JOIN IN THE FIGHT AGAINST SPAIN

Even after the death of "Father William," the Dutch fought valiantly against their Spanish oppressors. Twenty-five years of fighting elapsed before the Spaniards could be induced to acknowledge the independence of the Netherlands, and even then they did it in a roundabout way.

During a part of this time, the Spaniards were compelled to fight the English as well as the Dutch. Elizabeth was the queen of England at this time and, as a powerful advocate of the Protestant religion, she was cordially dis-

liked by King Philip of Spain and his men. They looked upon her as a usurper — a person having no right whatever to the throne — and plotted to place Mary Queen of Scots, the cousin of Elizabeth, upon the English throne in her stead. It was said that the men who had planned the murder of the Prince of Orange were planning to put Elizabeth out of the way in the same manner. Knowledge of this alleged plot spread over England and it was soon seen that the sturdy Englishmen, Catholic as well as Protestant, were ready to rally to the side of their queen and defend her from all harm. So a few months after the death of "Father William," a number of Englishmen formed an association without regard to religious beliefs and took a vow to defend their queen, in so far as they were able, against all harm. In case she were assassinated secretly, they said that they would send Mary Queen of Scots "to the grave instead of to the throne."

In the meantime, the feeling between the English and the Spaniards was becoming more intense. The English sympathized greatly with the struggling Dutch and were sending aid to them in their fight for independence. The Dutch appreciated this sympathy and assistance and invited Elizabeth to be their queen. This honor she declined, but she did send an army over to the Netherlands to fight against the Spaniards.

In addition to this army, hordes of venturesome young Englishmen, attracted by the heroic struggle which the Dutch were making, crossed over to the Netherlands and enlisted as volunteers in the army of that country. Many of these were whole-souled, hard-fisted, rough-and-ready men who enjoyed a good knock-down fight and stood

ever ready to lend a hand to the "under-dog" in any contest.

Sir Philip Sidney. The most famous of these soldiers of fortune was Sir Philip Sidney. Sidney was the Chevalier Bayard of England. He was a man of good family, handsome, educated, refined, and in every sense a gentleman. He was received at the court of Queen Elizabeth with marked favor, and William of Orange pronounced him "one of the ripest statesmen in Europe." Sidney was also brave and venturesome and, like many Englishmen of his day, dearly loved a good fight with the hated Spaniard. In 1585, he was eager to embark with Sir Francis Drake upon an expedition against the Spaniards in the West Indies, but was prevented by Queen Elizabeth from doing so because she feared, as one writer puts it, that she might "lose the brightest jewel of her times." She did lose him, however, in the following year, 1586, when he fell in the battle of Zutphen, while fighting against the Spaniards for the liberty of the Dutch. His deeds in this battle were heroic in the extreme. When the fighting was fiercest, "there glittered the gilded armor of our gallant Sidney — as he spurred his white charger through the storm of bullets, now to encounter a fiery foe, anon to save a friend imperiled by unequal numbers. Two horses

Sir Philip Sidney

were shot beneath him, and he quickly mounted a third." While dashing over the prostrate bodies of the slain to rescue a friend from death, he was struck by a bullet and fell mortally wounded. As he was being carried from the field, he asked for a drink of water which was obtained with difficulty because the supply was short. As he held the decanter to his lips, his eye caught the appealing glance of a dying soldier. Without tasting the water, he handed it over to the suffering man and said, "Thy necessity is greater than mine." Sixteen days later, this most perfect specimen of a cultured and chivalrous gentleman passed away. It was said of him that "he treated rich and poor, his own servants, and the noblemen who were his guests alike and alike courteously, considerately, cheerfully, affectionately — so leaving a blessing wherever he went." His body was taken back to London and buried in the famous St. Paul's Cathedral.

Mary Stuart

The Death of Mary Stuart. In the early part of the year following the death of the noble Sidney (1587), Mary Stuart, Queen of Scots, was beheaded in Fotheringay Castle, on the order of Queen Elizabeth. The queen felt that Mary was plotting against her and came to the conclusion that she would be safer with Mary out of the way.

Upon the death of Mary, Philip, King of Spain, claimed the English crown for himself or for his daughter, upon the ground that he was descended from a member of the English royal house. In order to enforce his claim, he gathered together an immense fleet in the harbors of Spain and Portugal and made ready to invade England. There was every reason why he should hurl his force against the British Isles. In the first place, he wished to dethrone Elizabeth and thus take vengeance upon her for the death of Mary Stuart. He also wished to put down the Protestant religion, to suppress English piracy in America, and to shut off the assistance which was being given by the English to the followers of William of Orange.

Before he was ready to sail, however, Sir Francis Drake, the British sea-rover, dashed into Spanish harbors and set fire to a number of ships, as they lay at anchor. He sailed boldly into the Spanish harbor of Cadiz and, after driving to cover the warships which stood guard, coolly loaded his own vessels with as much of the Spanish supplies as he dared attempt to carry away and then set fire to the rest, after cutting their cables and setting them adrift. More than one hundred ships, loaded with valuable supplies for the invasion of England, were thus left a mass of blazing wrecks. The "Dragon," as the Spaniards called Drake, went on his way in high glee. When he returned to England, he reported that he had "singed the beard of the King of Spain." This singeing delayed Philip's invasion of England for a year.

Drake did more destruction, however, before getting back to his native country. For days, he hovered about the Spanish coasts, plundering and sinking the vessels

that came his way. He then dashed into the harbor at Coruña and repeated his daring exploit of Cadiz. Again he slipped away and, near the Azores, captured a great Spanish ship on its way from America, laden with treasure. The very audacity of this bold sea-dog took away the breath of Europe and struck terror into Spanish hearts. One day, King Philip invited a lady of his court to ride with him in his barge on one of the small Spanish lakes, but she declined because, as she said, she was afraid that Sir Francis Drake might appear and capture them.

As a result of this set-back, the invasion of England had to be put off to the following year and, in the meantime, the shipyards of England resounded with axes, hammers, and saws. When the Spanish fleet finally appeared, the English navy was ready for battle.

"The Invincible Armada." Finally, after years of preparation, everything was ready and the "Invincible Armada," as Philip boastingly called it, set out for England. But the English were not to be caught napping. Keen-eyed watchers patrolled the coast and scanned the water of the English Channel, as they were expecting the Spanish fleet to come in sight at any moment. While they were waiting, the officers of the English fleet and army amused themselves by bowling on the green and playing other games. On a pleasant afternoon in July, 1588, a famous group of English commanders were bowling near Plymouth in the southern part of England. Sir Francis Drake, the man who "held the candle to King Philip's beard," was there. Sir John Hawkins, slave-dealer and pirate, and Sir Martin Frobisher, the hero of the Arctic seas, formed part of the company. Lord Howard, the high admiral

of England and a patriotic Roman Catholic, was also a member of this distinguished group.

While the bowling match was in progress, a small, swift ship, under full sail, appeared in the Plymouth harbor. Her commander hurriedly sought out the English captains

THE BOWLING MATCH

and informed them that on that morning he had seen the Spanish Armada off the coast of Cornwall. This was interesting and important news and part of the company dashed hastily for the shore. Drake, with his accustomed coolness, however, stopped them and insisted that they should finish the match. "There is time to finish the game first," he explained, "and beat the Spaniards afterwards." Drake did not have a very high respect for Spanish skill and valor.

The Fleet Appears. It was not a false alarm. One hundred and thirty great black hulks appeared in the English Channel, carrying thirty thousand men and three thousand cannon. They also carried racks and thumbscrews and nearly one hundred executioners. The English ships, following the advice of Drake, permitted the Spanish squadron to sail up the Channel unmolested. The British boats then closed in upon the rear and the fight was soon on.

The Contrast. The two fleets differed greatly. The Spanish boats were larger and stood up higher out of the water, so that their gunners might command the decks of the enemy's ships. These large, clumsy boats carried more soldiers than sailors and but very few cannon. The British boats, on the contrary, were somewhat smaller, much more speedy, and carried more sailors than soldiers. They also had more and better guns. In many instances, the nimble English ship, with its skillful sailors and longer range guns, was able to shoot a Spanish ship to splinters and then withdraw unharmed.

The Slaughter off Calais. Finally the Spanish fleet halted and dropped anchor off the city of Calais, on the north coast of France, with the English only two miles away. The ready wits of the British were devising a plan to dislodge them. The plan was put into effect shortly after midnight on the following day, which happened to be Sunday. Out of the inky darkness, eight English ships, filled with combustible material and coated with pitch, were rowed silently into the midst of the Spanish fleet, lying peacefully at anchor. At a given signal, the torch was applied and the fierce flames from the

burning ships lit up the sky. Before the panic-stricken Spaniards could make out what was going on, the blazing ships, propelled by wind and tide, were bumping against the sides of their vessels. A panic ensued. Cables were cut and

SIR FRANCIS DRAKE RECEIVING DON PEDRO'S SWORD

The Spanish Admiral with forty of his officers and all his treasure was brought a prisoner on board the Revenge. Drake treated him with courtesy, and he was afterwards ransomed for three thousand pounds.

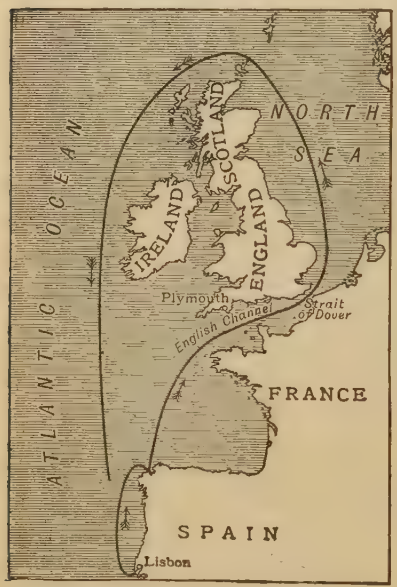
the Spanish fleet went out to sea, drifting in confusion before the wind. Early in the morning, Drake and his companions closed in on the Spaniards. Three large galleons were sunk and three others foundered helplessly

on the shore, and the splendid ship of Admiral Don Pedro de Valdes fell into the hands of Drake.

The Spaniard still had ships enough left, but his spirit was gone. As the historian Green puts it, "huddled together by the wind and the deadly English fire, their sails torn, their masts shot away, the crowded galleons had become mere slaughter-houses. Four thousand men had fallen, and bravely as the seamen fought they were cowed by the terrible butchery." The commander, in despair, called a council of war and it was determined to make an attempt to get back to Spain by rounding the northern coasts of Scotland and Ireland. This delighted the British. "Never anything pleased me better," Drake wrote, "than seeing the enemy fly with a southerly wind to the northward." And he was probably right when he said that the commander of the Spanish fleet, the Duke of Sidonia, would soon be wishing for his quiet home among the orange-trees in Spain.

The Pursuit. The fate of the Armada was practically sealed when the English fleet closed in and cut off its retreat. The Spaniards soon found that they were bottled up in the German Ocean with the English vessels pursuing them in front of a strong wind. The Spanish fleet had planned to stop at the Netherlands and transport the Spanish army over to England. You can imagine the dismay and disappointment of the Spanish soldiers as they stood on the shore and saw the terror-stricken Armada fleeing madly towards the north. The English hung doggedly on the rear, sinking and burning the Spanish ships and picking off the Spanish seamen. "The feathers of the Spaniards," said an English seaman, "were plucked one by one."

The Work of Destruction. For two days, Drake and Howard and the other English commanders gave chase to the flying squadron. Then with ammunition and supplies exhausted, they turned back in disappointment. The Spaniard, however, was not yet safe. He immediately encountered a foe far more dangerous than the English sea-dogs. While off the Orkney Islands, a terrific northern storm broke over the fleet. Some of the ships were dashed to pieces against the cliffs of the Irish coast. Eight thousand Spaniards were strewn along the beach near the Giant's Causeway. An English sea captain counted eleven hundred bodies cast up by the sea on the Sligo coast. The poor unfortunates who succeeded in getting ashore fared even worse than their companions, as many of them were robbed and slain while others were shipped to England with halters about their necks. Queen Elizabeth did not wish to put these men to death, neither would she permit them to remain in England; so she packed them off to Spain, "to recount the worthy achievements of their Invincible Armada."



THE FLIGHT OF THE SPANISH ARMADA

One hundred and twenty ships had set sail against England and of these only fifty returned to Spain, "bear-

Sir Francis Drake Capturing Don Pedro's Ship

ing ten thousand men, stricken with pestilence and death." Twenty thousand soldiers, including the flower of the Spanish nobility, had perished while England lost scarcely one hundred men.

In order to commemorate the victory, Queen Elizabeth caused a medal to be struck with this inscription: "God blew with his wind and they were scattered." It is true that "the winds had done their part, but the victory was mainly due to the seamanship of the English mariners and the skill of English shipwrights."

The Importance of the Defeat of Spain. It may seem like a waste of time to tell the story of the defeat of the Spanish Armada in an introduction to American history; but, as a matter of fact, this great sea-fight had a very important bearing on American colonization. Before successful English colonies could be planted in America, it was necessary that England should control the ocean routes. As John Fiske, an eminent historian, says, it was necessary "to destroy the naval power of Spain before England could occupy the soil of North America. The defeat of the Invincible Armada was the opening event in the history of the United States. It was the event that made all the rest possible. Without it, the attempts at Jamestown and Plymouth could hardly have been more successful than the attempt at Roanoke Island." Just why the attempt at Roanoke failed, we shall see in the following chapter. For the present, it is only necessary for us to remember that the defeat of Spain opened the way for English colonization and that henceforth the English colonies would be free from the danger of such a Spanish attack as that which ruined Coligny's ill-fated colony in Florida.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Do you think Elizabeth had any other reason for helping the Dutch than her sympathy on account of religion?
2. Locate on your map the place where the Spanish Armada met defeat.
3. What advantages had the British in this battle?
4. Why was "the defeat of the Invincible Armada the opening event in the history of the United States"?

PRONOUNCING LIST

Calais. kăl'ā
Coruña. kô-rōōn'yä
Sidonia. sē-dōn'ĭ-*a*
Zutphen. zŭt'fĕn

CHAPTER XXVI

THE EARLY ATTEMPTS OF THE ENGLISH TO FOUND COLONIES IN NORTH AMERICA

The first permanent English settlement in North America was made at Jamestown, Virginia, in 1607. This was one hundred and ten years after John Cabot had made his famous voyage to the New World. Although England is usually very energetic and enterprising in planting colonies and securing new territory, in this instance she was very slow in following up the advantage of the Cabot voyages. For some strange reason, the English really took very little interest in the voyages of John Cabot. They looked upon his expeditions as failures. They knew that Cabot had sailed away in search of the gold and spices of the East and had returned empty-handed. They also knew that Vasco da Gama had returned to Lisbon a year or two later, laden with rich eastern treasures. Consequently they seemed to forget the bleak and inhospitable shores visited

by John Cabot and turned their thoughts in other directions.

It is also true that the Pope's Line of 1493 had given America to Spain. This too had some influence in delaying English colonization. Another and very important

French, Spanish, and English Explorations in America up to 1600

reason for England's delay was the fact that she was not strong enough upon the sea before the defeat of the Invincible Armada to defy the power of Spain. Now, however, things had changed. The Protestant Reformation had taken place and England had become a Protestant country. The Pope's decrees were no longer considered binding. It should also be noted that since the defeat

of the Armada, England was no longer afraid of the Spaniards upon the sea.

The Seamen. The English people of this time were more active and enterprising than they had ever been before and their action and enterprise were best reflected in the daring deeds of their brilliant seamen. It was during this reign, as we have seen, that Sir Francis Drake, the man who "singed the beard of the King of Spain," made his famous voyage around the globe. Martin Frobisher and John Davis had carried the English flag to the extreme northwest in searching for the passage to India and Captain John Hawkins, the founder of the English slave trade, had befriended the woe-begone Huguenot colony on St. John's River in Florida. These daring seamen, however, were intent upon exploration, gold hunting, and the plundering of Spanish ships, and apparently gave little or no thought to colonization.

Gilbert and Raleigh. But while the Drakes and the Hawkinses looked upon the planting of colonies in the American wilderness as a rather prosy business and would have none of it, there were other men of the time who saw great possibilities in the colonization of the New World. The pioneers in the English colonization of North America — the fathers of the English colonial idea — were Sir Humphrey Gilbert and his step-brother, Sir Walter Raleigh. These men saw that there was more wealth, in all probability, in the fertility of the soil than there was in the mines of the new world.

Gilbert, a bright English lad, was born near Dartmouth, about twenty years before Elizabeth became queen. He went to college at Oxford and then entered the army,

where he was brilliantly successful. The New World attracted his attention, and he wrote a book about the discovery of a passage to China and India. At a later time (1578), he asked the queen to give him permission to establish a colony in North America. The queen complied with his request and gave him the first colonial charter ever granted by an English monarch. This charter gave him permission to take possession of any lands in North America, then unsettled, and in return for this privilege he promised to give the queen one fifth of all the gold and silver which he might obtain. He was to rule absolutely over his colony, subject only to the wishes of the queen.

Sir Humphrey Gilbert

The most important clause in this document yet remains to be mentioned. *The charter guaranteed to Gilbert and his followers all of the rights and privileges of Englishmen.* In other words, the members of the new colony were to have the same rights and privileges which the people of England possessed at that time. It was for these same rights and privileges that our forefathers fought two centuries later in the American Revolution. It is not too much to say that the charter granted to Gilbert contained the germ of the war for American independence.

The First Voyage. With this precious document in his possession, Gilbert set out for Newfoundland in 1579 with

a small fleet of vessels. He was accompanied by his step-brother, Sir Walter Raleigh, a handsome, brilliant, and attractive young man of twenty-six, who had just returned from fighting as a volunteer in the Netherlands.

Both Gilbert and Raleigh had visions of the future greatness of America. They also believed, as did Sir Francis Drake, that the best way to dispose of the Spaniard was to whip him upon the sea. They also thought that England should have colonies in America for purposes of trade and to serve as outposts against Spain in time of war. It will be remembered that the Spanish Armada had not yet been defeated, but these two far-seeing men were able to look into the future and foresee the deadly contest which was certain to take place between England and Spain. They wanted to be ready for that contest when it came.

Gilbert, apparently, did not care to follow the frozen trail of Frobisher in the northern latitudes but set out for Newfoundland, attracted, no doubt, by the rich fisheries of that locality. Nothing came of this voyage. The ships were buffeted about by severe storms, one of them was destroyed in a fight with a Spanish warship, and the rest were compelled to return to England.

Another Voyage (1583). Not daunted by this rough experience, Gilbert set out upon another voyage to Newfoundland as soon as he could procure the necessary men, money, and ships. In 1583, he sailed from Plymouth harbor with a small squadron. Raleigh and other friends furnished the capital for the expedition, and the queen sent him a gold anchor as a token of good-will and esteem.

In August, Gilbert sailed into the harbor of St. John, where Cartier had been nearly fifty years before. He found about four hundred ships in the vicinity, most of them owned by the Spaniards and the Portuguese and all of them engaged in fishing. Calling the fishermen together, he went ashore and set up in their presence a column with the armor of England upon it and then proceeded to take possession of the island in the name of his queen and country.

Again the storms came on and battered his fleet, but after some repairs he proceeded to explore the southern coast of the island in search of a suitable site for a colony. Near Cape Breton, another tempest tossed him about and his largest vessel was smashed against a sunken rock. Nearly one hundred men were lost. Gilbert, however, found safety in a tiny vessel. He now had only one ship, in addition to the little skiff in which he himself sailed, and this was loaded with worthless rock, which was supposed to contain silver ore. The two ships started homeward and again a September gale tossed them about. The commander of the companion ship, being greatly alarmed, shouted across the waves to Gilbert that they were all likely to be lost. But the cool and fearless navigator, sitting quietly with a book in his hand, shouted cheerily back to his panic-stricken mate: "The way to Heaven is as near by sea as by land."

Longfellow tells the story in this way:

> "Beside the helm he sat:
> The book was in his hand.
> 'Fear not,' he cried, 'heaven is as near
> By water as by land.'"

The storm increased, night fell, and the darkness was intense. Each ship was nervously watching the other. At midnight, the captain, who had shouted the warning, saw the lights on Gilbert's ship suddenly go out. The vessel had sunk and all were lost. The brave Gilbert went to his death, but the ship, bearing the worthless rock, came into port in safety.

Sir Walter Raleigh

The Exploits of Raleigh. Sir Walter Raleigh continued to send expeditions to America, after the death of his brave brother. Raleigh, the famous soldier, sea-rover, colonizer, and author, was born in Devonshire, England, in 1552. He was a student at Oxford University and, when a boy of seventeen, had gone as a soldier to France to fight for the Huguenots. After that, he fought against Spain in the Netherlands and then went into partnership with Gilbert in an attempt to found colonies in North America. Fortunately, he was not with Gilbert on his fatal voyage and he was not daunted by the death of his brave partner. He still had faith in America and spent a large fortune in his colonizing ventures.

He made up his mind, however, to abandon Newfoundland, and to go to the milder climate of the south; so in 1584, he sent out two ships under the command of Philip Amadas and Arthur Barlow. On the fourth of

July, Amadas and Barlow reached the coast of what is now known as North Carolina, where they penetrated Pamlico Sound and visited Roanoke Island. Waving the flag of England over this beautiful place, they took possession of it in the name of their queen. Says Fiske, "They admired the noble pine trees and red cedars, marveled at the abundance of game, and found the native barbarians polite and friendly." They explored the shore for a considerable distance and named the country "Virginia" in honor of Elizabeth, the maiden queen.

They made no attempt at settlement at this time, but they did try to converse with the Indians and to get information from them in regard to the country. They were not very successful in carrying on conversation with the natives, but they reported when they got back home that they had found the Indians to be "people most gentle, loving, and faithful." Later colonists had a very different story to tell.

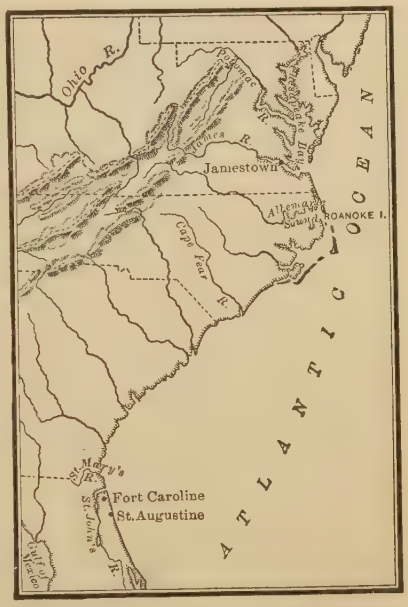
The Roanoke Colony (1585). The glowing accounts of these explorers encouraged Raleigh to attempt to plant a colony in southern latitudes. In the spring of 1585, he sent out a fleet of eight vessels, bearing one hundred and eight men bound for the New World. Ralph Lane was to have charge of the colony and Sir Richard Grenville, Raleigh's cousin, commanded the fleet. Grenville scoured the seas and plundered the rich ships of the Spaniards for a time and after narrowly escaping shipwreck on a point of land, which the company named "Cape Fear," landed his little company on Roanoke Island. As soon as they touched the shore, trouble with the natives began. One of the Indians stole a silver cup and Grenville in retaliation

set fire to their standing corn. The fight between the redmen and the pale-face colonist was now on. After starting this conflict, Grenville turned over the colony to Lane and sailed away. Lane, a man of energy and good sense, explored the country in search of a suitable site for his settlement. He went some distance into the interior and even tried to find a strait leading to India.

The colonists were a shiftless and worthless lot and things did not go well. They could play the pirate or hunt for gold, but tilling the soil was real work and they did not care for it. They were suffering from a lack of food and were beginning to pine for the folks at home when the "Dragon" Drake suddenly appeared with a fine fleet of twenty-three ships. Lane and his starving and homesick companions were only too glad to be taken back to England. They started on their way rejoicing, but had scarcely gotten out of sight when Grenville sailed into port with supplies. Much to his astonishment, he found that the place had been abandoned. No living creature appeared in view, although he searched the surrounding country carefully. Leaving fifteen of his men to the rather lonesome task of holding the site of the colony, Grenville departed.

"The Lost Colony." Planting colonies in the New World seemed to be up-hill business, and yet Raleigh was apparently not discouraged. In 1587 he sent out another band of colonists to the Carolina coast — this time under the control of John White, an artist. The company included seventeen women and about one hundred and thirty men. They intended to stop at Roanoke Island and take on board the fifteen men left by Gren-

ville and then proceed to the shore of Chesapeake Bay. They touched at Roanoke, but could find no trace of the fifteen men left on the lonesome vigil. The fort was in ruins and deer were quietly grazing on the spot where the colony once stood. The little guard had probably been massacred by the Indians. Instead of going on to the Chesapeake country, White left a company of eighty-nine men, women, and children at Roanoke and went back to England in the same year.



EARLY SETTLEMENTS OF THE ENGLISH, FRENCH, AND SPANISH IN THE NEW WORLD

Soon after White's return home, the "Invincible Armada" appeared in the English Channel. There was now no time to think of anything but the Spanish foe. Sir Walter did not forget his struggling colony, however, and on two different occasions he fitted out relief ships to be sent to Roanoke. The ships, however, were either impressed into the service of the government or driven back to port by the Spaniards, and for three years the colony was left to shift for itself. When White did finally succeed in getting to America he was too late. The place was deserted, grass was growing in the fort, and the whole scene was one of desolation. The colonists had gone — nobody has

ever known where, but a great many guesses have been made. They may have been killed by the Indians, or they may have gone to live with friendly natives. They are spoken of to this day as "Raleigh's Lost Colony."

THE LANDING AT JAMESTOWN

Here in 1607 was founded the first permanent English colony on the North American continent.

Raleigh had now spent his own large fortune and also all of the money he could get from the Queen and other friends and had not succeeded in planting a successful colony on American soil. It was soon seen that the founding of colonies was too large and too costly an enterprise for private individuals to undertake. And so companies

were organized to do the work which Gilbert and Raleigh had failed to accomplish.

The London Company was organized for this purpose and its members succeeded in establishing the first permanent English colony on our shores. It was located at Jamestown, Virginia, and the date of its founding is 1607.

Later in your school course you will study the story of the founding of this colony. You will also see that the English were not the only people who planted colonies here. Bold Spanish explorers plunged into the dark depths of the American forests. The French also, in search of new lands and new homes, spread out over a vast territory. The Dutch established New Amsterdam on the beautiful New York harbor. Men from Sweden, Germany, Portugal and other European countries settled in various parts of North America.

These men brought with them the manners and customs and modes of life of their old homes. They brought also their knowledge of the various arts and sciences. They imported their crude tools, implements, and inventions. They brought their government and religion just as truly as they brought their clothing and household goods.

Could a man on migrating to a new country leave such things behind him in case he wanted to do so? It seems not. A man's religion, for example, is a part of the man himself and he could not leave it behind. If the members of your class should go to Alaska and establish a colony in the wilds of that country they would carry with them a knowledge of those things with which they were familiar in their old home. They would use in their new home the same kind of plow and sewing machine as in the old. They would set up the same general kind of government and establish

the church or churches of which they were members in their former home.

In a word, when men came from Europe in the sixteenth and seventeenth centuries to America, they brought the manners, customs, modes of living, inventions, tools, implements, principles of government and of religion which they had had in their old homes. The civilization of the Old World was carried over to the New. The following chapters show what this civilization was. It will be interesting to note what our forefathers had *to begin with* when they set up housekeeping on the Atlantic Coast.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Neither Gilbert nor Raleigh succeeded in establishing a permanent settlement in America. Why? Was the work they did of no avail?

2. Imagine yourself a member of "Raleigh's Lost Colony." Make a diary showing what really became of yourself and companions.

3. To-day in this New World Spain's mark is indelibly imprinted on Mexico, and Central and South America. The French influence is felt in Canada. The territory occupied by the United States is the sphere of English influence so, naturally, we have been more interested in following the progress of England.

As a result of the Spanish-American War (1898), several million people who were subjects of Spain and who speak the Spanish language, have been taken under our flag. Do you not think it well for the United States to begin to give more attention to Spanish life, customs, and language, in order to do our best for these people?

Remember, too, the great advantage it would give the United States commercially in Central and South America, if we understood the Spanish better.

4. What anniversary did we celebrate in 1907? What in 1920? What one shall we observe in 1965? In 2000?

PRONOUNCING LIST

Breton. brĕt′ŭn

Frobisher. frŏb′ĭsh-ēr

CHAPTER XXVII

THE LANDS FROM WHICH OUR FOREFATHERS CAME

In order to get a good idea of the European background of American History we must study the lands from which our forefathers came. We must see how the people lived in England, France, Spain, Holland and the other colonizing countries of Europe at the time the colonists departed to seek new homes in America. We must follow them in their daily work and see how they made a living. In short, we must see how they "lived, moved and had their being."

In addition to this we must note the most important of the inventions and discoveries of which they were making use in their daily life. This will show us what our ancestors had to start with when they built their first log cabins on the Atlantic Coast.

Let us then in our imagination go back three or four centuries and make a visit to each of the leading countries of Europe. Let us ramble about the narrow, dirty, and crooked streets of the cities and talk with the people whom we meet. Let us also go out into the open country and see how the farmers cultivated the soil. Let us observe the people both at work and at play. Let us notice how they were governed and in what way they worshipped God.

LIFE IN SPAIN IN THE SIXTEENTH CENTURY

Let us study the conditions in Spain first. Spain was the first to explore the territory of the New World. She was also the first to plant colonies in America.

The King and the Government. We should bear in mind that Spain at this time was the leading nation of Europe. We now look upon Spain as one of the weaker nations. She was not so then. In fact, she was so strong on land and sea that the other countries of Europe were jealous of her power.

Charles I, or Carlos I, as they called him, was the King of the country. He was a grandson of Ferdinand and Isabella, the good friends of Columbus. His father was known as "Philip the Handsome." He himself was rather pleasing in personal appearance, but he was not a very good or a very wise king. He was despotic in government and intolerant in religion.

He was, however, especially at the beginning of his reign, a rather popular man. He must have been a very busy one also. While he was still in his teens he wore four royal crowns upon his head. The fifth was added (1519) when he was elected Emperor of the Holy Roman Empire, which embraced at that time most of the countries of Europe. From this time on he is better known in history as Emperor Charles V.

We should remember that a government by the people themselves, such as we have in the United States at the present time, was not known anywhere in the world in the sixteenth century. Neither was there such a thing as "religious toleration."

Charles of Spain, in common with other rulers of the time, could not tolerate two forms of religion. If one was right, then the other must be wrong. Charles could not see how two different roads might lead to the same place.

You will remember that it was at this time that Martin Luther made an attack upon the Roman Catholic Church in

EUROPE AT THE CLOSE OF THE SIXTEENTH CENTURY

Germany. He nailed his famous ninety-five theses or statements to the Church door at Wittenberg in 1517. The result was that groups of men who, like Luther, protested against certain forms and doctrines of the Roman Church were springing up in many parts of Europe. These men were called "Protestants" and Charles thought it was his duty as Emperor to put them down.

He started out upon a crusade against these men whom he called "heretics" but was not able to follow out his plans. He became involved in wars with the King of France and with the Sultan of Turkey, who was known as "Solyman the Magnificent." These wars occupied his whole attention for a long time and he was not able to suppress the "heretics."

These wars, especially the one against the Turks, were very cruel at times. The Sultan with his army plundered towns and killed their inhabitants and then sold his booty in the nearest market.

The King of France was severely criticized for making an alliance with the infidel ruler of Turkey, but he defended himself by saying that when his flock was attacked by wolves he was justified in turning the dogs loose upon them.

The Emperor Charles tried very hard but was not able "to make his subjects think alike in matters of religion." He finally gave up the matter as a bad job and retired to a monastery situated in a lonely nook in the western part of Spain. He was anxious "to reach some quiet spot where he might lay down his weary limbs and be at rest."

There is an interesting story told about this period of the Emperor's life. It is said that while in the monastery he amused himself by trying to make several clocks keep exact

time and stay together. When he failed in this he is said to have remarked, "How foolish of me to imagine that I could make men think alike about religion when I can not make two clocks keep the same time." The story was probably invented at a later date as Charles never really gave up his pet hobby of uniformity in matters of religion.

King Philip II. When Charles abdicated he left the throne to his son who is known in history as Philip II. Philip carried on the government of Spain in much the same way that his father had done. In some respects Philip was much like his father; in others he differed from him in a marked way. Philip was, in every respect, a typical Spaniard; while his father was more like the Germans. In fact, the father of Charles V was an Austrian and the Austrians are of German blood.

Philip was a very earnest and intense man. He believed as fully as his father did in uniformity in religion and in absolutism in government. He believed that the King and not the people should regulate these two important matters.

He was a very hard working and industrious ruler. He labored early and late at his governmental duties and carried out many of the details with his own hand. He apparently did not care to trust others to do things for him.

He tried in many ways to be a father to his people but he made rather bad work of it. He dictated to them in their government and in their religion. He even told them what clothes they should wear and how they should educate their children.

His narrow-minded earnestness led to his failure. Like his father, he could not prevent his people from doing a certain amount of thinking on their own account.

Philip, however, was a strong and vigorous ruler and his domain was very extensive. Spain in his day had many possessions outside the peninsula, notably in the Netherlands and in Africa. Portugal also came into the possession of Spain during his reign.

In this vast domain were Catholics, Protestants, Jews, Mohammedans and "all sorts and conditions of men." To make these men think alike in matters of government and especially in matters of religion was an impossible task. Philip tried it, however, and as a result he lost the Netherlands and his "Invincible Armada" was defeated by the English (p. 275).

A Despotic Atmosphere. It was out of this atmosphere of political and religious oppression that the Spanish colonists came to America. They brought some of this atmosphere with them and it required a long period of time in the freedom of the New World to rid themselves of it.

It should be remembered, however, that Spain in the sixteenth century was the strongest nation in Europe. It should also be noted that the Spaniards gloried in their strength and were determined to extend their sway. They had the imperial idea—that is, they wished to build up a huge Spanish Empire in America. In short, they were "land grabbers" and it was in this frame of mind that they bored into the interior of the American Continent.

The Spanish Sphere of Influence. They succeeded remarkably well in carrying out their imperial idea. The Spanish influence in the New World is sometimes underestimated. The Spaniards had possessions in the West Indies, in Florida and along the Gulf of Mexico and on the Pacific Coast, as well as in Mexico, Central and South America. The

Spanish sphere of influence covered a wider span in America than that of any other nation. Spanish influence is still dominant in South and Central America. The Spaniards have, however, changed their views considerably since the days of Charles V and Philip II.

LIFE IN FRANCE IN THE SIXTEENTH CENTURY

Let us now fly over the Pyrenees Mountains in our imaginary airplane and get a glimpse of French life in the sixteenth century. Conditions in France resembled, in many ways, those which we have just described as existing in Spain. The country was governed by kings and their rule was about as despotic as that of the kings of Spain. It probably would have been more oppressive if the kings had been more vigorous men. Most of them in this century were weaklings. Even as it was, the kind of government was certainly bad enough.

The Huguenots. Religious disputes, similar to those in Spain, sprang up in France at about the same time. Like the kings of Spain, the kings of France also attempted to root out the "heretics." In this they were not entirely successful. The Protestants grew slowly and steadily in numbers and in influence.

The most important of these Protestant groups were the Huguenots. These self-reliant and substantial men later came to Florida and South Carolina and founded colonies. Admiral Coligny, one of the stalwart figures of France, was their greatest leader.

The Bourbon Kings. After the weakling kings had passed from the French throne the Bourbons took their places. These men, although not much better in some ways, were

stronger characters and under them France became the leader of Europe as Spain had been before.

These Bourbons were expansionists. That is, they wished to extend French territory and build up a French Empire in various parts of the world. They, too, had the imperial idea. As a result of this the French people spread themselves about in America as they did in India. They occupied a vast territory along the St. Lawrence River and in the heart of North America. They had visions of a magnificent empire on American soil.

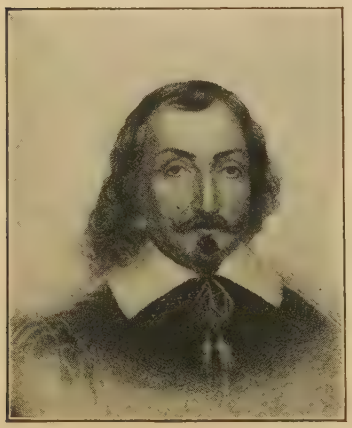
While these dreams did not come true the French did leave behind them a considerable "sphere of influence" in this country. This influence was determined very largely by the ideas of government, religion, and industry which they brought over with them.

French Ideas Transplanted in America. When the French under their great leaders, Cartier and others (p. 260), established themselves in Canada they set up the kind of government which you might expect. The government did everything. There was no place for individual enterprise. The government was everything. The individual was nothing. One of our great American historians, Fiske, has well summed up the matter in the following words: "Government looked after every man's interests in this world and the next, baptized and schooled him, married him and paid the bride's dowry, gave him a bounty with every child that was born to him, stocked his cupboard with garden seeds and compelled him to plant them, prescribed the size of his house and the number of horses and cattle he might keep, and the exact percentages of profit he might be allowed to make, and how many servants he might employ, and what theological

doctrines he might believe, and what sort of bread the bakers might bake, and where goods might be bought and how much might be paid for them. . . ."

When men are treated in this way they remain like little children, wholly unable to take care of themselves. This was the principal reason why the English developed a system of self-government in their colonies and the French did not.

Samuel de Champlain. The guiding spirit of the French in America was Samuel de Champlain. He was born in France of a tribe of fishermen and sailors and was thus well adapted to the rough life of the New World. He has been well called the "Father of New France." "Of the pioneers of the North American forests his name stands foremost in the list."



SAMUEL DE CHAMPLAIN

"He was enamored of the New World, whose rugged charms had seized his fancy and his heart. . . " He loved "the pines of the forests, the noise of waters, the sharp and piercing sunlight, so dear to his remembrance. He longed to unveil the mystery of that boundless wilderness, and plant the Catholic faith and the power of France amid its ancient barbarism."[1]

Champlain had two great objects in view in coming to America—to find a new route to the Great East and to convert the heathen tribes to the Roman Catholic faith. The

[1] Francis Parkman.

English in America paid little or no attention to the Indian but with Champlain he was all-important.

Champlain and his followers did much heroic work in North America but the despotism of the French Government and its intolerance in matters of religion did not thrive in the free atmosphere of the New World. It was largely for this reason that France lost her foothold in America.

ENGLISH LIFE IN THE SIXTEENTH AND SEVENTEENTH CENTURIES

We have already noticed (p. 249) the prosperous and wide-awake condition of affairs in England during the reign of Queen Elizabeth (1558-1603). But "Good Queen Bess," as she was called, died in the early part of the seventeenth century. She was succeeded by King James I and then the trouble began.

KING JAMES I

The Stuart Kings. James was Elizabeth's cousin and was the first of a line of English kings known as the Stuarts. He was not nearly so able and sensible as Elizabeth and during his reign the "Merry England" of Elizabeth's time ceased to be "merry."

James was King of Scotland at the time of his accession to the English throne. When he came down to London from his northern home the people didn't like his looks very well. He did not have the appearance or the dignity of a king.

Instead of walking erect he waddled along and his body seemed to be too heavy for his spindling legs. His face was without expression and his eyes rolled aimlessly about. He was fond of hunting in the great forests and often forgot to wash his hands and face or to take a bath after a day in the woods. He gave little attention to his clothing, which was often as dirty as his hands. On the whole, it may be said that he did not look very much like a king.

The King's Principles. The people could, however, have stood his general appearance well enough—most of them did not see him very often—if he had been a wise ruler.

He was a very peculiar man. He was well educated in one sense and knew a great many things but he lacked real wisdom and common sense. He loved to make a display of great learning but he did not seem to be able to apply it to the problems of government. One of the noted men of the time called him "The wisest fool in Europe."

The Divine Right of Kings. Like all the other Stuarts, he believed in the "Divine Right of Kings." He said that the king derived his power to govern directly from God. "God makes the king, the king makes the law" was his motto. He certainly would have had no patience with Lincoln's idea of "government of the people, by the people, and for the people." He once said that he did not want every Tom and Jack and Dick and Will to tell him how England should be governed. He thought he knew without being told.

In religious matters he was equally headstrong and intolerant. He insisted that all of his people should join in the worship of the Church of England. He would not permit Roman Catholics or other Protestants, aside from those who

belonged to the English Church, to worship God in their own way. He insisted upon *his* way.

Religious Divisions in England. In order to get a clear understanding of conditions in England at this time it will be necessary to notice the divisions in the Christian Church.

Protestants sprang up in England at this time just as they did in other countries. Many of these Protestants belonged to the Church of England, which corresponds to the Protestant Episcopal Church in the United States. This Church was approved and supported by the government and was known as the "Established Church." A large number of Protestants, however, were opposed, in some respects, to this Established Church. They wanted to reform it or to leave it. Some insisted that the church be "purified" and hence were called "Puritans." Others considered it hopeless to try to purify the Established Church and so separated themselves from it. These men were called "Separatists" or "Independents."

Religious Toleration. Nowadays it does not make very much difference to us what church our neighbor attends. We feel that every man has a right to belong to the church of his own choice. In many cases we do not even know what his choice is. All churches are now on the same footing. This is what is known as "religious toleration." England at the time of which we are speaking did not have this religious toleration. In fact, most of the European countries did not. One king might persecute the Roman Catholics, another the Protestants, while still another might punish all who did not belong to the Established Church.

James and the Established Church. James I was one of this latter class. While he lived in Scotland he was a

Presbyterian, but as soon as he came to England he became the champion of the English Church. He harshly insisted that all of his subjects should conform to this faith. "I will make them conform," he exclaimed in anger, "or I will harry them out of this land, or else do worse." He did not succeed in driving them into the English Church but he did succeed in driving thousands of Separatists and Puritans to the bleak shores of New England.

Religious Troubles. These Puritans tried in every possible way to obtain freedom of worship before setting out for the New World. While James was on his way from Scotland to London, a number of Puritan ministers went to meet him and asked him to repeal the harsh laws against the "Dissenters," as they were called. These Puritan ministers wished to conduct their services in accordance with their own ideas. They did not wish to wear the usual vestments and they objected to making the sign of the cross. They also wanted to omit the ring from the marriage service and preach sermons of their own kind.

A great meeting was held and James was apparently about to listen seriously to their grievances. Everything went beautifully as long as James did all the talking, but when the Puritans objected to anything which he said, the king became furious. He scolded them severely, partly in English and partly in Latin. He also used many big words and high-sounding phrases. He always liked to show off his great learning. He told the Puritan clergymen very plainly that he would make them conform to the English Church or he would drive them out of the country. He then broke up the Conference and threw some of the ministers into prison.

His attitude towards the Roman Catholics was very much the same. He dug up an old law passed in the time of Queen Elizabeth which most people had forgotten. Under this law he fined Roman Catholics $100 a month for not attending the English Church.

The Pilgrim Fathers. It was a small band of Separatists, better known as the "Pilgrim Fathers," who established

THE MAYFLOWER COMPACT

(1620) the first permanent colony in New England. Reverend John Robinson was the devoted pastor of this little band. They formed a congregation in Scrooby, in the central part of England, but were not permitted to worship as they saw fit. They then went to Holland (1608) in search of religious freedom. They found what they were looking for but still they were not contented. "They were strangers in a strange land" and longed for their dear old home in England. Their

children also were learning the Dutch language and adopting Dutch customs. In short, they were becoming little Dutch boys and girls instead of English. This deeply grieved the Pilgrims. They didn't care to remain in Holland; they could not return to England; so they decided to come to America.

The Mayflower. They left Holland and came to America by way of England. About a hundred of them left Plymouth harbor in the little *Mayflower* and landed, so the story goes,

PLYMOUTH COLONY, 1622

on "Plymouth Rock" on December 21, 1620. They called their landing place "New Plymouth" in honor of the old English home-town and proceeded to make a settlement. This was the humble beginning of that splendid part of our country which we still call New England.

The Puritan Migration. This colony was only a beginning, however. A new king, Charles I, succeeded James I upon the throne five years after the Pilgrim Fathers came to this country. He was another Stuart, "a chip off the old block."

In other words, he believed in the "Divine Right of Kings."

He also thought that Englishmen should worship God in *his* way. Now the Englishman, when he is in earnest, can be a very stubborn individual. These Puritans were just that kind of men and when the stupid king pressed them too hard they set out by thousands for the New World. In the course of ten years about 20,000 Puritans left England and came to America. They preferred freedom in government and in religion in the New World to an easier and pleasanter life in the old.

A Better Government for England. It should be said at this time that the English people were not at all satisfied with the kind of government given them by the Stuart kings. A short time after this they revolted and set up a sort of republic under Oliver Cromwell, a great military leader. From this time on, little by little, the government passed more and more into the hands of the people; until at the present time England may be said to have a democratic government, or a government by the people. There is still a king on the English throne but he wields almost no governmental power. Even during the time of the Stuart kings the English people had a legislative body known as the Parliament. This Parliament, however, was dominated by the king. It is not so dominated at the present time.

Even in Stuart times the government of England was somewhat better than that of most countries on the Continent of Europe. As a result, the English Colonists brought over to this country better ideas of government than the other Colonists did. This is one reason why the English Colonies were more successful than any other.

HOW THE PEOPLE LIVED AND WHAT THEY DID

It will be interesting at this time to view the daily life of the common people of England. By using our imaginations we can look into their homes and see how they lived. We can also see what kind of work they did to make a living.

We have already noticed (p. 250) that when Sir Walter Raleigh was making his famous voyage to America, Queen Elizabeth was on the throne of England. She was a strong and vigorous ruler and improved conditions in England in many ways. In fact, her reign is one of the most notable in all English history.

> "In her days every man shall eat in safety
> Under his own vine what he plants; and sing
> The merry songs of peace to all his neighbors."

The poet was not exactly correct in his prophecy yet her reign was a brilliant and happy one in many respects. The people took more interest in education, and schools and colleges flourished as they had not done before. The reign was also noted for its splendid literature. The plays of Shakespeare alone would have made it famous. Agriculture was improved and the people learned how to make gardens and to raise fruits and vegetables for their tables. Factories were built, navigation was encouraged, and the English navy became the most powerful in the world.

The people also learned how to live more decently. "Comfortable homes took the place of hovels with floors of dirt and beds of straw, and people began to live and think like human beings and free men."

Only a short time before this chimneys were unheard of. The smoke from the fireplace escaped through a hole in the

roof. Openings in the wall, boarded up in stormy weather and later covered with oiled paper, took the place of windows. Now glass was beginning to be used for the first time.

The people really had jolly times in "Merrie England" in those days even though their sports were somewhat rough and dangerous. They hunted with hounds and they enjoyed baiting the bull and the bear. They observed their holidays with such sports as wrestling and football. Again they danced about the Maypole and often ended the day with feasts and cock-fights.

In the country the farmer tilled his small piece of land with his rude implements. He made a living for himself and his family and sold his small surplus in the nearest market.

In the city, men made woolen cloth for the foreign trade and engaged in commerce with distant parts of the earth. Some went on trade expeditions to Russia, Persia and Asia Minor and even on to India, China and Japan.

In Stuart times not so much progress was made as during the long and brilliant reign of Queen Elizabeth. And yet we should not forget that it was in this period that the King James translation of the Bible was published (1611). It was also at this same time that John Bunyan wrote his famous "Pilgrim's Progress" while confined in Bedford jail on account of his religion.

DUTCH LIFE IN THE SIXTEENTH CENTURY

The Netherlands, or "The Low Lands," of this period corresponded in a general way to Holland, Belgium and a small part of Northern France. They were so called because they constituted a low-lying plain at about the level of the sea. In fact, some parts of the Netherlands are actually

below sea level and dikes are necessary to keep out the waters of the North Sea. Being born on the water and almost in it, the Dutch have long been a sea-faring and commercial people.

Dutch Independence. The Netherlands as we have already seen (p. 267) were at one time under the rule of the Spanish kings. Becoming tired of this oppressive government, the people of the seven northern provinces, corresponding to Holland, revolted from Spain. Under the leadership of William of Orange they issued what amounted to a Declaration of Independence. It was not until many years later, however, that the Dutch were really free from the iron heel of Spain.

The Prince of Orange at one time was attached to the court of Charles V of Spain. At this time he was a Roman Catholic but he later became a Protestant. It should be said, however, that he always opposed the religious persecutions of the Spanish kings whether he were a Catholic or a Protestant.

It was only after a desperate struggle of forty years, largely under the leadership of William, that the Dutch gained their independence.

The name of William of Orange is still a household word among the Dutch. He is often called the father of Holland and the founder of Dutch liberty. He did not live, however, to witness the freedom of his people. He was assassinated three years after his famous Declaration of Independence (1584). In one sense his work was done, since the result of his war against Spain was the establishment of the Dutch Republic.

The government of this republic was not ideal in every

respect but it was better and freer than most of its neighbors. It was much more liberal in regard to religious matters, as we have already seen (p. 307).

The most notable thing, however, about this period was the commercial prosperity of the country. The Dutch lived with their faces to the sea and built up an important trade with all parts of the globe. After the fall of the Spanish Armada (1588) they absorbed almost all of the Asiatic trade. "One hundred thousand of the three million people lived constantly upon the sea."

Holland thus grew rich. Great cities sprang up and agriculture flourished. Flower gardens and fruit trees graced the land. The printing presses also were busy. Holland in the seventeenth century is "said to have put forth more books than all the rest of Europe." The "Low Countries" were as busy as a bee hive.

Henry Hudson, 1609. It was out of this stirring atmosphere that the Dutch Colonists came to America. Henry Hudson, a famous English navigator, was their leader. In the Spring of 1609, he sailed from the port of Amsterdam in his funny little boat, called the *Half Moon.* In the following autumn he dropped anchor in what is now New York harbor. After looking about for a time, he sailed up the beautiful river which now bears his name. He pushed on as far as the present site of the city of Albany.

Hudson was more interested in trade than in colonizing. In fact, he was in the employment of the Dutch East India Company at the time and, like Columbus, he wanted to find a water route to the Great East. As he entered the broad mouth of the Hudson he hoped that the river might lead him to the coveted goal. As the stream became narrower,

however, this hope vanished and he came to the conclusion that he was going up a "blind alley."

At a later time he sailed northwest along the coast of Labrador, on the same mission, and came to a tragic death in what is now Hudson's Bay. He fell sick and his heartless men, having become tired of the hardships of the voyage,

FINAL PEACE OF NEW AMSTERDAM

put him into a small open boat and set him adrift in the icy seas to meet his fate alone.

New Netherland and New Amsterdam. A few years later Dutch Colonists, following in the wake of Hudson, established a small group of settlements which they named New Netherland in honor of the land of their birth. A small colony, or rather a trading post, on the present site of New York City, was called New Amsterdam.

These Colonies grew steadily. The Dutch were vigorous and thrifty men and they also believed in religious freedom. In a short time New Netherland became a place of refuge for persecuted people from various parts of Europe. No less than eighteen different languages were being spoken at one time on the streets of New Amsterdam.

The Colonies continued to flourish for fifty years. At the end of that time (1664) New Netherland with its ten thousand people was taken by the English. The influence of the Dutch, however, has continued to exist in New York and many great men, like the late President Roosevelt, have descended from Dutch families.

HOME LIFE IN WESTERN EUROPE

Let us now pass rapidly over the map of Western Europe in the sixteenth century and get a glimpse of the people in their daily walks of life. You will notice that four of the important countries—England, France, Spain and Portugal —appear very much as they now do. Their boundaries have not been materially changed. They were then, as they are now, separate nations with different governments, languages and literatures. The map of Eastern Europe has changed much more than that of Western.

Agriculture. Most of the people of the time lived in the country. The cities were very few and small. Agriculture of a very primitive kind was the chief occupation. Most of the work was done by hand and men, women, and children spent long hours in the field. They used very simple tools. The hoe and the rake took the place of the cultivator; the sickle and the scythe of the harvester; and the flail of the threshing machine. There were no tractors. The horse and the ox pulled the loads.

Each farm, or plot of ground, supplied practically everything which the family needed. Food, clothing, tools, and implements were all produced at home. It was a simple life without much "division of labor."

The Nobles and Peasants. The people were divided into two general classes, the nobility and the peasants. That magnificent structure which you see on the distant hill is the Castle or Manor House of the noble lord. The little squatty cottages with roofs of straw, standing off at a respectful distance, are the homes of the peasants. As you wander about the Manor House you meet many elegantly dressed lords and ladies. The great rooms are furnished in a beautiful but old-fashioned way. Perhaps a back-log is slowly smoldering in the great fireplace.

In the stalls of the stables are rows of fine, well-groomed horses ready for the carriage or the chase. Everywhere you come into contact with servants and game-wardens. The Lord of the Manor does very little work himself. His principal business is to fight and hunt. Labor is plentiful, does not cost much, and is beneath his dignity. There is a wide gulf between the master and the man.

That laborer coming in from the field looks heavy and tired. He may be young but he has the appearance of an old man. His back is bent and his feet as heavy as lead. He has been watching the cattle while they grazed or perhaps tending the swine while they crunched the acorns; or it may be that he has spent a tiresome day wielding the mattox or the hoe in a cultivated field.

He works hard but he is not a very good farmer. Neither he nor his master knows much about scientific agriculture. He does not fertilize his fields or rotate his crops. As a

consequence his yield is small—probably not one-fourth as much as we raise at the present time. And yet, he does produce wheat, beans, barley, rye, and meat enough for his master and himself. He raises no potatoes, turnips, or tobacco. These crops were introduced later.

His breeds of cattle and sheep were small and poor. He did not put up much hay for the winter as the modern farmer now does. He killed many of the cattle and sheep and salted them down in barrels for his winter's food.

The hut in which he lived was often cold and dismal. His diet of salt meat with no fresh vegetables was not particularly healthful. He lived in dirt and breathed foul air, knowing little of the laws of hygiene. Disease germs lurked in the filthy corners of his home and famine sometimes added its horrors.

The peasant traveled but very little. It was quite an event when he went to the blacksmith shop for repairs or to the mill with his grist. It took a long time to make the trip. The roads were poor and were often impassable in rainy weather. Wagons were "hung-up" for a considerable part of the year and the peasant traveled on horseback or on foot. For the most part he stayed at home—which was dismal enough in the winter months as few were able either to read or write.

Towns and Cities. A few towns and cities had sprung up here and there during the latter part of the Middle Ages. These, however, were in striking contrast to the towns and cities of the present day. The streets were narrow, dark, crooked and dirty. They reeked with mud, ashes, and garbage with an occasional dead animal here and there. Pigs rooted, chickens scratched, and mangy dogs scurried about in search of bones. There were no sidewalks and usually no

pavements. A driving rain now and then served the purpose of a street cleaning department.

There were no sewers and no public water supplies. Shallow wells were dug and often became cess pools of disease.

Fire departments came into use at a later time. The people did the best they could without such protection. Sometimes they were compelled to keep tubs of water in front of their homes to be used in case of fire. Poles with hooks on the ends were ready to pull down houses in order to stop the progress of the fire.

At night the curfew was rung and the rude gates of the town were shut and fastened to keep out robbers. There were no street lamps and no policemen. At times there was a decrepit and drowsy night-watchman who, according to the stories of the day, spent most of his time in sleeping or drinking. It is said that at times when marauders were most numerous he would go home early and get into bed to avoid trouble. Taking it all in all, a city of the seventeenth century in Western Europe did not bear much resemblance to a Broadway or a Fifth Avenue of our own time.

The Division of the American Continents. When you study the founding of the American colonies at a later time in your school course you will see that the American Continents were divided up among the different nations of Europe.

The English at first established themselves along the Atlantic Coast from Maine to Georgia. They also laid claim to much land in the interior which they did not then occupy.

The French claimed the St. Lawrence River country and buried their leaden plates down the Mississippi Valley as far as New Orleans. They hoped in this way to hold the land for future colonization.

The Spaniards at first held more territory than any other nation. They scattered themselves among the West India Islands, in Florida, along the Gulf of Mexico, and in the Southwestern part of the present United States as far as California and the Pacific Ocean. Spanish influence still exists in these regions.

Portugal obtained possession of Brazil and some outlying islands, while the Dutch got a foothold in New York and the Swedes in Delaware.

Gradually the Dutch and the Swedes dropped out of the account in so far as North America is concerned. The Spaniards retired to Central and South America, leaving the French and the English to fight it out for the supremacy of the North American Continent—but to give an account of all this would be to get ahead of our story. However, when you come to study this period of your country's history you will be able to judge for yourselves what ideas of government, religion, education, agriculture and home-making the various nationalities of Europe brought over with them when they landed on American soil.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Make constant use of the map in studying this chapter.

2. Do you see any reasons why Spain did not continue to be the strongest country in Europe?

3. Do you see any reasons why the English were more successful than any other nation in planting colonies in America?

4. Make a list of the motives which impelled the Europeans to found colonies in America.

5. Contrast the mode of living in Europe in the sixteenth century with that in the United States at the present time. Make a list of the differences.

6. Make a list of the men who sailed in search of a "western passage" to India. Did they find it?

7. Try to find out what is meant by "division of labor."

PRONOUNCING LIST

Abdicated. ăb′dĭ-kāt′ĕd
Absolutism. ăb′sō-lut′ĭz′m
Bourbon. bo͝or′bŭn
Decrepit. dē-krĕp′ĭt
Enamored. ĕ-năm′ĕrd
Huguenot. Hū′gĕ-nŏt
Theological. thē-ō-lŏj′ĭ-kăl

CHAPTER XXVIII

INVENTIONS AND DISCOVERIES

One of the marked differences between man and the lower animals is that man makes use of inventions and discoveries and the lower animals do not. In this way, man has lifted himself up in the scale of civilization while the lower animals have remained stationary.

Let us ramble about among the log cabins in the American wilderness and note the inventions and discoveries of which our forefathers were making use. It will be interesting, at a later time, to compare these devices with those now in use. By this comparison it will be seen that the pioneers of America lived a very simple and primitive life.

Making Fire

Heating and Lighting. Fire is one of the very earliest discoveries of the human race. It is also one of the most useful. From the earliest times man has been able to start a fire in the dry leaves of the forest by rubbing two sticks together or by striking a spark with flint and steel. You have often seen a galloping horse send out showers of sparks as his shoes struck the stones of the road. This is the same principle which our forefathers used in obtaining fire by striking a piece of flint with a steel rod.

The fire-drill was used by man at a very early time. The bow string was wound around an upright stick. When the

bow was pulled from side to side the stick rotated rapidly and the friction caused heat and finally fire. This was a wonderful discovery. From this time on, man was able to heat and light his humble cabin, to cook his food, and to keep wild animals from his door by means of the glare of a bonfire.

Our colonial forefathers did not make as extensive use of fire as we now do. They had huge fireplaces to warm their cabins and to cook their food. Stoves and matches were unknown. If the fire went out it was usually necessary to go to a neighbor's, perhaps on a frosty morning, to get a pan of coals in order to start it up again. It was very important, therefore, that the fire should be kept going all of the time. It was probably from this fact that the custom grew of appointing certain people to see to it that certain fires were never extinguished. The Vestal Virgins of ancient Rome had it as one of their duties to keep a perpetual fire burning upon the altar.

Early Grease Lamp

The open fireplace, or the pine knot, or a wick suspended in a pan of lard or whale oil furnished the dim and uncertain light for the household.

Coal and Iron. The American pioneer used wood for fuel rather than coal. There was always an abundance of the finest timber on every hand. In fact there was so much of it that the settlers rolled splendid logs of oak, black walnut,

and maple into piles to be burned in order to get them out of the way.

The colonists were, however, acquainted with the use of coal. At a very early time—no one knows how early—man found layers of coal jutting out of the surface of the earth. He found out how to use it for fuel, but he did not tunnel down into the depths of the earth to obtain it as we do now. It is interesting to note that at the time of the planting of the American Colonies the word was spelled "cole."

We speak of coal and iron in the same breath. They are often found in the same locality and coal is extensively used in the smelting of iron.

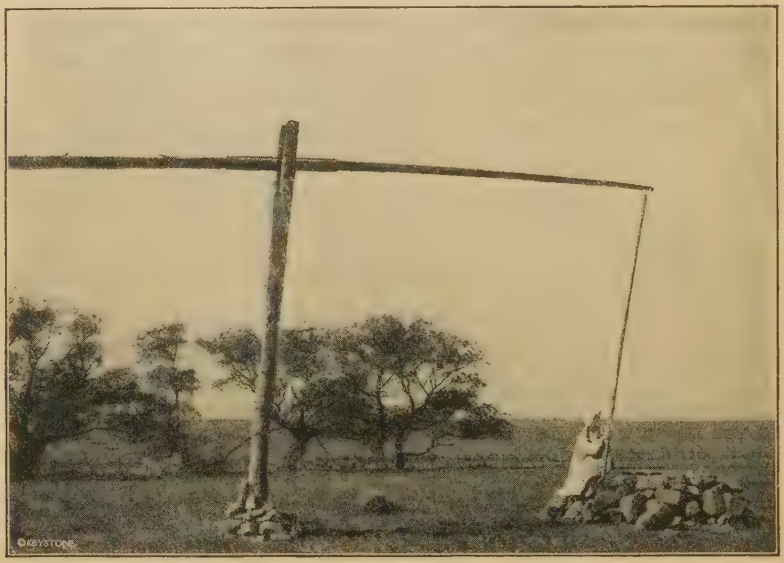
You have only to look around you to see how important iron is in the civilization of the present day. It has been said that if you "take away iron, the human race would fall back into primeval barbarism." It is certain that a new era in civilization began when early man found out how to cast iron in molds and to hammer it into different shapes on an anvil. This brought about the making of tools and other labor-saving devices.

Our American pioneers brought with them a very elementary knowledge of the use of iron. They knew how to make a few simple tools and implements for their daily use. Since their time the development of the use of iron has been one of the marvels of our industrial life.

The Lever, Wheel, Pulley, and Arch. What is that long pole which you see with one end near the ground and the other slanting up high into the air? That is a well-sweep. It was used for drawing water from the shallow well of the pioneer farm. It illustrates the principle of the lever, a very useful discovery. When the early settler lifted or pried out

a stump by pressing down on the end of a strong pole, he also used the principle of the lever.

However, water was not always drawn from the well by means of this crude "sweep." "The Old Oaken Bucket" was often suspended on a rope or chain which ran over a wheel



WELL-SWEEP
This sweep has not been used for about a hundred years.

with a grooved rim. This wheel was called a "pulley" and is still used with clothes-lines and in scores of ways in our daily life.

The wheel was also a very important implement on the colonial farm. It was used on carts, wagons, and carriages of various kinds. The wheel-barrow with its single wheel was really of greater service than the carriage in the simple life of the pioneer. The principle of the wheel was also employed when the farmer rolled his heavy logs on small round

poles or "skids." When he loaded them on his wagon or sleigh he used the principle of the inclined plane.

In making his buildings of stone or brick he applied the principle of the arch which had been known in Europe for many centuries. In fact, the use of all of these things—the lever, the inclined plane, the wheel, the pulley, and the arch —extends far back into antiquity.

The Plow. One of the most important farm implements ever constructed is the plow. By its use man was able to use the ox and the horse and to cultivate vastly more land than he was able to do by means of the spade and hoe. The plow in the form of a crooked stick was used by the Eastern nations thousands of years before Columbus came to America. At the time of which we are speaking it had an iron point. At a later time an iron mold-board was attached and now the entire implement, with the possible exception of the handles, is made of iron or steel.

Old Ox Plow

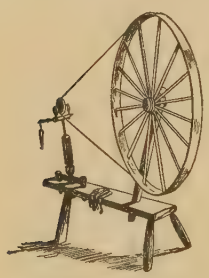
The Sailing Vessel and the Canoe. In order to make his way upon the water, early man had to have a boat of some kind. As far back as we can go in history we find the boat in use, or some other contrivance to take its place. A log might have aided the first ingenious man to cross a stream. A number of logs fastened together or a raft was probably the first means of conveying farm products across a stream or down the river to another settlement. Sometimes bundles of brush or of reeds tied together served the same purpose.

The log was later hollowed out by burning, chopping, and scraping and became the well-known "dug-out" of the savage tribe.

Frames were later made in boat shape and were covered with bark or with the skins of animals. The work was very carefully done so as to make the vessel water tight. These canoes were lighter and easier to paddle than the dug-out but were very treacherous in a swift current.

The wooden boat in all shapes and sizes then began to make its appearance. These boats, propelled by sails and oars, dotted the Mediterranean Sea as early as 1500 B.C. (p. 11).

Our forefathers in Colonial days built very good boats of these rude types. Their small sailing vessels battled successfully against the huge waves of the Atlantic and the flat-bottomed scows were poled or paddled up and down the rivers and in the shallow waters along the coast. Every farm or plantation on a water front had its little fleet of boats standing at anchor and ready for use. The steel steamer, the huge monster of the ocean, had not yet made its appearance.



SPINNING WHEEL

The Spinning Wheel and the Loom. Cloth-making is a very ancient art. We are told in the Old Testament that all the women who were "wise-hearted did spin with their hands. . . both of blue, and of purple, and of scarlet, and of fine linen."

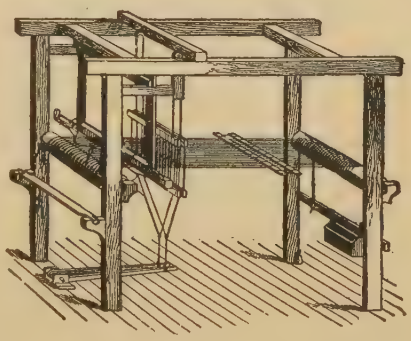
Spinning wheels and weaving looms were set up at a very early time in Colonial homes. The wool was clipped from the back of the sheep, the yarn was spun in the chimney corner, and the great awkward loom wove it into cloth to

make clothes for the family. All of this was done in the single living-room of the log cabin. This, by the way, is the origin of the word "home-spun" as applied to cloth. The name "spinster" was also given to the maiden ladies of the household because most of the spinning was done by the unmarried women.

At a later time (1767) James Hargreaves, an English weaver, invented a spinning wheel which spun eight threads at one time. He named this machine the "Spinning Jenny" in honor of his wife. The old spinning wheel could make but a single thread at a time.

The first spinning wheels and looms were worked by hand. At a later time water and steam power were applied to them.

It took many a long and weary hour in the dim light of the forest cabin to spin the yarn and weave it into cloth and then cut and make it into a suit of clothes for the hardy pioneer. It was in these home-spun garments, fitting none too well, that he appeared in church on Sunday morning.



HAND LOOM

The Mariner's Compass. Our Colonial forefathers also used the Mariner's Compass to guide them in their voyages. If they had not known the use of this little instrument they would hardly have trusted themselves to the Atlantic Ocean.

The compass in its simplest form consisted of a magnetic needle balanced on a pivot or post. This needle is free to

move and points towards the North and South magnetic poles of the earth. In doing so the needle points almost due North and South. Since the magnetic poles are not located at the geographical poles, a little correction is usually necessary.

Just when the compass was invented we do not know. Some writers say that it was used by the Chinese long before the birth of Christ. There is some doubt about this. We do know, however, that it was in constant use in a crude form some little time before Columbus sailed to America. It guided Columbus, Magellan, and Drake on their famous voyages and was used by De Soto and other explorers in penetrating the forests of the New World. It was now to serve a useful purpose in pointing the way for the American pioneer over land and water.

COMPASS

Gunpowder. Gunpowder was also very useful to the pioneer backwoodsman. It helped him to get a living and it defended him from wild animals and savage men. Wild game was very plentiful in those days and it was easy for an early settler to take down his musket from its pegs over the fireplace and provide an abundance of meat for his table. At the same time he shot fur-bearing animals and made his clothes from the skins.

The use of gunpowder gave the pioneer a marked advantage over the Indian. He would have lost many a forest fight were it not for the help of his trusty gun.

The origin of the use of gunpowder, like that of the compass, is unknown. It dates back, however, far into antiquity. Man learned a long time ago that by mixing saltpeter, charcoal, and sulphur he could make a powerful explosive.

It has been said that the Chinese used gunpowder long before it came into use in Europe, but we can not be very sure about this. Roger Bacon, an English scientist, tells us that it was in use in Europe during the later part of the thirteenth century. It was well known and in fairly common use when the first settlers came to America. It revolutionized warfare in Europe and one writer says "it made all men the same height." How could this be?

The Alphabet, Numerals, and the Calendar. It should not be supposed, however, that all of the inventions which our forefathers brought from Europe were of a material kind. Some of the most important were quite different in character. The Alphabet, for example, is one of the greatest inventions of the human mind. How could our modern civilization exist without it? You can easily see how vastly superior our alphabet is to the picture writing of the American Indian.

Do you know why the Chinese language is so much more difficult to learn than our own? It is because the Chinese have tens of thousands of characters to represent objects and ideas while we have twenty-six letters grouped in different ways to make our words.

The word "alphabet" is derived from the two Greek letters "Alpha" and "Beta." The alphabet, however, goes

much farther back than Greek times (p. 12). It was invented in the Orient long before the birth of Christ and handed down to us with certain improvements which were made from time to time. It is one of our most precious heritages.

And by the way, our systems of weights and measures and our money system also originated in the Orient in much the same way.

The early American Colonists used two kinds of numerals, the Roman and the Arabic. The use of each has been traced back to very early times (p. 171). In fact, the use of numerals is older than that of writing. Early man represented numbers by cutting notches on a stick or by making perpendicular strokes. The earliest numerals among the Egyptians originated in this way. Man also liked to count on his fingers. He does so even at the present time. This is the origin of the decimal system.

In so far as the numerals themselves are concerned, we have not made much advancement since the Colonial days; but in writing and in adding the numerals, by means of such machines as the typewriter and the adding machine, we have made wonderful progress.

Man would be very unhappy if he did not have some way of measuring the passing of time. He would also be very much confused without his years, months, days, and other units of measure. He would not be able to put historical events on record and he would have no means of measuring time for such things as leases, promissory notes, and contracts.

For this purpose we use the calendar. That simple little calendar hung up in your home is one of the most ingenious and useful devices ever worked out by the mind of man. It

has a long and interesting history behind it. It did not happen and it is not an accident. It was figured out with remarkable exactness and is the result of a tremendous amount of labor.

The movements of the bodies making up the solar system were very closely watched by early man. It seemed to him that the sun revolved about the earth once during the four seasons—a period which he called a "solar" year. (It is really, of course, the earth which revolves about the sun.) The moon passes through certain phases which he called a "lunar" month, while the earth revolves on its axis once in a period which was called a day. These are the natural divisions of time and became the basis of the calendar.

The calendar used by the Colonists was identical in principle with that which we are using today. It was derived from the calendar invented by the ancient Egyptians centuries before the birth of Christ (p. 7). This calendar was imperfect and in Roman times it was improved upon at the order of Julius Caesar. This was known as the "Julian Calendar."

When it was seen that this calendar was also defective, Pope Gregory XIII determined to revise it. He assigned the task to a German monk named Schlüssel (his Latin name was Clavius) and the new "Gregorian Calendar" was introduced into Europe in 1582—at the time when Raleigh and Gilbert were trying so desperately to establish English colonies in America.

The Protestant countries were somewhat slow to take up this new calendar and it was not adopted in England until 1752—long after the thirteen English colonies had been established. At this time eleven days were omitted from the

calendar in order to correct it. The people were greatly distressed. Crowds of them went about the streets calling "Give us back our eleven days." They could not understand what had happened and they seemed to think that their lives had been cut short by eleven days. This calendar also placed the beginning of the year on January 1st instead of March 25th, as heretofore.

PRINTING OFFICE IN 1600

The Gregorian method was called the "New Style." The "Old Style" prevailed in Russia until 1902 and still prevails in a few countries. The mind of man changes very slowly.

The Art of Printing. A knowledge of the art of printing also came to this country from Europe in the little sailing vessels of the pioneers. The art was not well developed at the time and had not been in use in Europe very long, and yet the crude printing presses which were set up on this side

of the ocean were a very important factor in early American education.

Printing by means of movable types was invented about 1440 by Johann Gutenberg, a native of Germany (p. 180). Printing by means of these wooden blocks was a very slow and clumsy process and yet within a half century more than fifty German towns had printing presses in working order.

Not long after the invention, printing presses were at work in Switzerland, France, the Netherlands, Italy, and some other European countries. The art was introduced into England in 1476 by William Caxton, a famous pioneer printer. It was at this time that Europeans were hunting for a western passage to the Great East.

We do not know with certainty the exact kind of printing press used by these early printers. It is supposed, however, judging from the kind of work he turned out, that Gutenberg must have used a mechanical press of some kind. It was built of wood and the impression was probably made by pulling a long lever. Not much change was made in these wooden presses for more than one hundred years. It was this type of press that was first set up in America. The press which Benjamin Franklin used was very much like it. The iron press, which was a great improvement, came into use at a later period.

The invention of printing came at a very fortunate moment. It occurred at a time when the "revival of learning" (p. 179) was in full swing in Europe. The printing press stood ready to record and preserve the new knowledge of that remarkable period. It is not too much to say that the invention of printing opened a new era in the history of civilization.

Such then were the great inventions and discoveries of man as they existed in the early part of the seventeenth century and as they were applied to the simple life of the Colonial farmer.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Find out something more about the Vestal Virgins of Rome.
2. Make a list of the uses of the lever, wheel, pulley and arch.
3. Look in the encyclopedia and find out something more about the history of the calendar.
4. Why was the art of printing invented at a fortunate time?

PRONOUNCING LIST

perpendicular. pĕr-pĕn-dĭc′ū-lăr **primeval.** pri-mē′văl
treacherous. trĕch′ĕr-ŭs

CHAPTER XXIX

SOME LATER DEVELOPMENTS IN INVENTIONS AND DISCOVERIES

"Following the art of fire, the two chief agents in man's progress have been the discovery of metals and of the power of steam . . . The revolution wrought by metals is the greatest that the world has yet seen or that it will ever see." — EDWARD CLODD.

Since the old log-cabin days there has been a wonderful development in man's inventions and discoveries—far more wonderful than in any previous period in the world's history.

The Coal and Iron Industries. It is customary to speak of coal and iron together for two reasons. Coal is used in large quantities in the smelting and working of iron; and in many instances coal and iron deposits are found side by side in the same locality. It appears that Mother Nature was very wise and considerate in this respect.

Although beds of coal were known to exist here and there this fuel was not much used in colonial times. The cutting away of the timber and the coming of the steam engine, however, made a great demand for it.

Anthracite, or as it is often called "hard coal," was discovered by the early pioneers in Pennsylvania near the place where the flourishing city of Wilkesbarre now stands. At first hard coal was considered useless. One writer said it might be used to make gravel walks but was good for nothing else. In 1815 the output of hard coal for the whole country was only fifty tons.

However, after an ingenious blacksmith had found a way of burning it by means of a strong draft, it became exceedingly useful. It was first used in producing steam power about 1825. Twelve years later it was used for the first time in smelting iron. Now, of course, it is highly prized for a great variety of purposes.

Coal Miners at Work

Bituminous or "soft coal" was first used for manufacturing purposes in the Pittsburgh district a short time before 1800. The use of coal for the production of gas began in the same locality about 1837.

Since these humble beginnings the coal industry has made enormous strides. It has grown steadily with the development of our manufacturing industries. We are now producing in the United States about 450,000,000 tons of soft coal per year and about 100,000,000 tons of anthracite—nearly all of which is mined in the State of Pennsylvania. Pennsylvania stands far ahead of all other States in coal production, with West Virginia second and Illinois third.

About one-third of our output of coal is used to produce steam power for manufacturing establishments. The railroads rank second in the use of coal, and household use comes third. Large quantities are also burned under the boilers of steamships and in the manufacture of coal gas for heating and lighting.

Coal mining is one of the most difficult and interesting operations in the world. Do not fail to visit and inspect a coal mine if you ever have an opportunity. If you do you will realize the great debt which we all owe to the men with lamps in their caps.

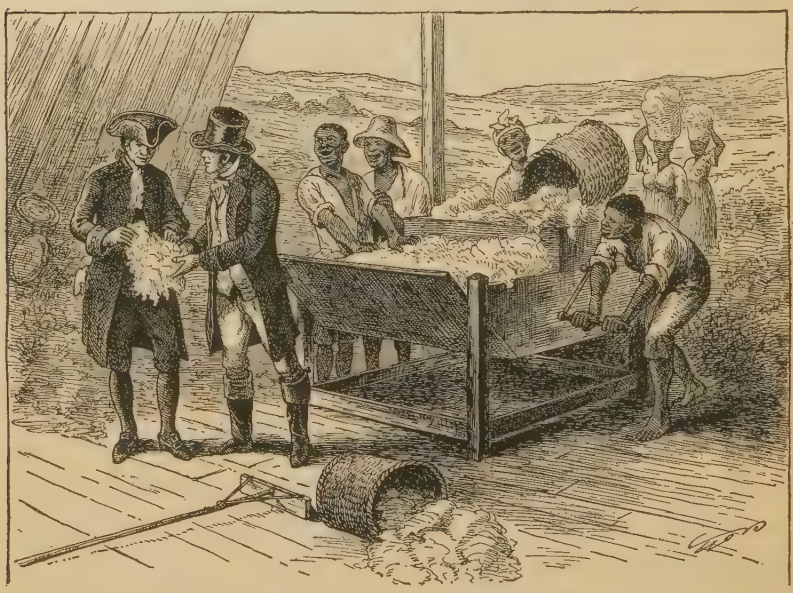
The development of the iron and steel industry in the United States has progressed hand in hand with the production of coal. Although iron ore is rather widely scattered about in the United States, the Lake Superior region is the principal source of our supply, "one which thus far has never been surpassed in productivity in any part of the world." This abundance of coal and iron has been the principal factor in making the United States the greatest manufacturing country in the world. "There is not an industry of any importance that does not use iron and steel in some form."

We are producing at the present time about 25,000,000 tons of pig iron per year. The total value of the steel and iron products of the United States is now not less than three and one-half billion dollars per year, or more than one-eighth of the total value of all the manufactured goods of the country.

The Steam Engine. Steam like an enormous and invisible giant has been working for mankind since 1769. In that year James Watt, an Englishman, invented the steam engine. Before that time men were dependent upon wind, water, and animals as the sources of power. But the wind might die down, the stream might go dry, and the animals become weary. They are not very strong at best. But the giant steam works on without stopping and never gets tired. There is also no limit to his power.

At first Watt's invention was used to pump water out of the coal mines, but now it is employed for every kind of service from driving a boat across the ocean to digging a ditch or threshing the farmer's grain.

The Cotton Gin. The invention of the cotton gin in 1793 by Eli Whitney was one of the epoch-making American in-

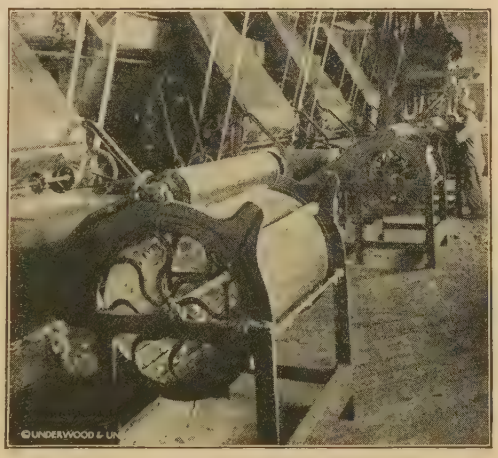


ELI WHITNEY'S COTTON GIN SOMEWHAT ENLARGED

ventions. Before this time cotton culture was held back because it was so difficult and so expensive to remove the seed from the fuzzy fiber. The seed, particularly in the Upland cotton, stuck to the fiber very closely and a person had to work industriously in order to clean a pound in a day. For this reason cotton cloth was very expensive and was not much used. Wool, hemp, and flax were the principal

materials for cloth making prior to 1793. The government of South Carolina in 1775 urged the people to raise more cotton but the urging had no effect. It was easy enough to grow the cotton but to remove the seed was a very slow and expensive task.

Whitney's invention, however, gave a great boom to cotton culture. The crude but simple machine which he made could clean cotton many times faster than it could be done by hand. By using horse power or water power the process was made still more rapid. When steam power was applied there was no limit to the speed of the process. By means of the giant steam cotton gins of the South today men can clean their cotton as rapidly as they desire.



MODERN COTTON GIN

As we have already pointed out, cotton production bounded rapidly forward after the appearance of the cotton gin. About the time that Whitney made his invention we were producing in the United States about 4,000 bales per year of 500 pounds each. Sixty years later we were producing about 4,000,000 such bales. At the present time the annual output is more than 16,000,000 bales.

It is easy to see the results of this great invention. They may be briefly summed up as follows. It made cotton the

greatest single export of the United States. Tobacco had ranked first before this time. Cotton also became the most important product of the South and the prosperity of the gulf states was largely based on this crop. In short, "cotton was king." It also caused interest in slavery to revive. Slavery was gradually dying out before 1793, but the cotton gin gave the institution a new lease of life. The reason

A Reproduction of Fulton's "Clermont"

for this was the fact that the slave became a very important factor in the cotton field.

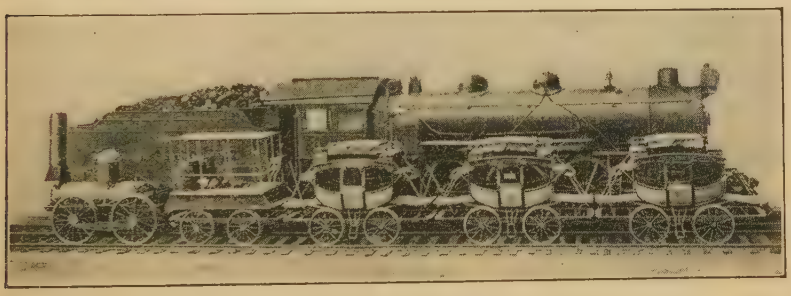
Means of Transportation. As a country becomes civilized it must improve its means of carrying passengers and goods from one place to another. In fact, the facilities for transportation in any country are a very good measure of its advance in civilization.

Soon after James Watt invented the steam engine, attempts were made to apply steam power to navigation.

This was first done in a successful way by Robert Fulton when he invented the steamboat in 1807. With his partner, Mr. Livingston, he put his new invention into immediate and practical use.

Steamboats carrying passengers and farm products began to ply the rivers and other inland waters. It was estimated that in 1825 there were more than one hundred and twenty-five steamboats on the Mississippi and the Ohio Rivers.

The results of this invention were numerous and important. The steamboat increased both the speed and the con-



TWO LOCOMOTIVES

Note the contrast between a modern locomotive and the DeWitt Clinton—the first train operated in New York State, 1831.

venience of travel. It enabled the farmer to transport his products more easily and at much less cost. It also enabled him to carry his products greater distances and to obtain better prices for them. "As a rule everything the farmer had to sell commanded a higher price, and the things he bought were obtained at lower prices."

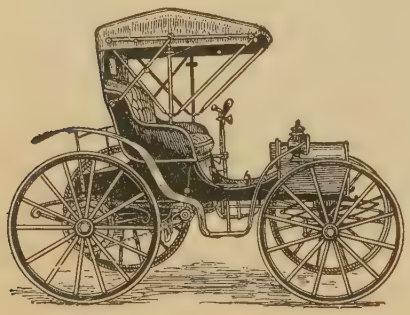
The steamboat also aided very greatly in the "westward movement" of the people. It poured people out into the great West. It has been truly said that "the steamboat contributed more than any single cause, perhaps more than all

other causes . . . , to advance the prosperity of the West."

With the steamboat tooting its whistle up and down the great rivers, some one was certain to apply steam power to land travel. This was done in England in 1829. In that year George Stephenson's locomotive the "Rocket" was hauling railway trains about the city of Liverpool.

The steam locomotive became a commercial success, and, in a short time, was brought over to this country. The "John Bull" and the "DeWitt Clinton" were among the first British locomotives to be imported for use in the United States.

Railway building began in the United States in 1831 and developed very slowly at first but more rapidly a little later. In 1849 there were only 6,000 miles of railroad in the whole country. We now have 266,000 miles of track not including double track and sidings. The iron horse today is the most important single factor in the transportation system of the United States.



Early Motor Car

The next great advance in transportation was made by the invention of the motor car or automobile. A Frenchman named Cugnot made a motor car propelled by steam, but it was not very satisfactory. The first practical "steam carriage" was made in England in 1802.

The invention of the gasoline engine at a later time gave the industry a marked impetus. France was the leader at

first in the manufacture of gasoline cars but was passed by the United States about 1906. In 1899 we made only 600 cars. Since that time the industry has developed with great rapidity. One American company alone has turned out since 1903 more than ten million cars.

There are several reasons why the United States has taken the lead in the manufacture of automobiles. In the first place, the "Yankee" is an inventive genius. He has also developed "quantity production" as no one else has done. In the second place, the United States is a large country and has long hauls in transportation. Again, the per capita wealth is high and money is rather evenly distributed. Petroleum is found in large quantities and gasoline is comparatively cheap. The automobile industry has been developed to such an extent that if all the motor cars in the United States were gathered together in a group the whole population of the country could step in and take a ride.

The coming of the automobile has made a great many changes in the civilization of this country. It would be possible for you to write a very interesting essay on this subject.

The development of transportation is a very interesting topic. When primitive man was born into the world he was a helpless little animal. As a baby he was not able to move from one place to another. He could only lie on his back and kick up his heels. After a time he learned to roll over and finally to crawl about upon the floor. He then learned to walk and later to run. His speed, however, was not very great and his endurance left much to be desired. He then tamed the wild horse and rode upon its back with

greater speed and less fatigue. He then used steam and electric power and went long distances with great rapidity. Then the motor car enabled him to transport himself and his goods almost anywhere without the use of a track or water way. Finally, about 1903, the airplane came into

A Combined Harvester and Thresher

use and has enabled him to travel around the earth with a speed, at times, of more than one hundred miles per hour. It may be that the airplane, in the course of time, will take the place of most other means of transportation. How does this appear to you?

Farm Implements. In other fields, aside from transportation, remarkable advances have also been made. The farmer

is now no longer confined to the plow and the flail. Most of his work before 1833 was done by hand. After that time he began to use machinery. In 1835 Cyrus McCormick invented the "Reaper." Before this time the farmer cut his grain with the cradle or in some instances with the sickle. It was then threshed with a flail or tramped out by oxen and horses, as was the custom in the ancient Oriental countries.

The development of the harvester makes an interesting story. The first reaper was a simple one. It lumbered along in a clumsy way and cut the grain and dropped it in unbound bundles near the standing grain. This type of machine was called the "dropper."

The side-rake combination was the next step in advance. This reaper not only cut the grain but raked it off to one side a few feet away from the standing wheat.

Then came the self-binder which tied the grain in bundles and dropped them singly or in piles.

As the straw on the large wheat farms of the West was practically useless, the "header" was invented which cut off the heads of the grain, leaving the straw standing in the field. At a later time a threshing attachment was added and the grain was dropped in sacks about the field. This machine is the combined harvester and thresher.

The next step in advance would seem to be the addition of the "roller process" to grind the grain into flour. After that a kitchenette and oven might be attached to the reaper and the loaves of bread, all neatly wrapped in oiled paper, might be left in baskets at convenient intervals. It is not safe, however, to predict that this improvement will be made in the near future.

For many centuries man used his old simple plow which turned over a single furrow of earth only a few inches wide. This plow was pulled by oxen or horses and, in the remote ages, by men and women. About the time of the Civil War, however, the steam plow was invented. At the present time the gasoline tractor is used to pull a series of plows. This machine is known as the "gang plow."

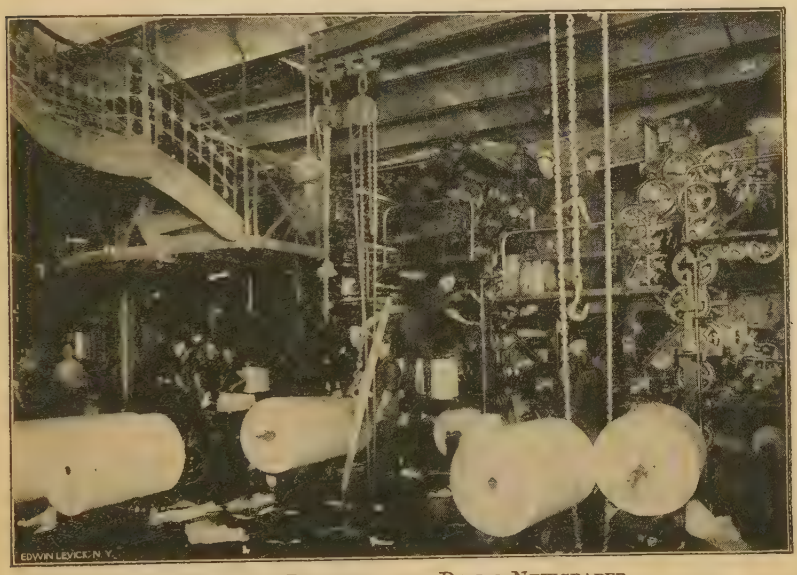
Home and Office Inventions. Equally important inventions were made to lighten the labor of the household and the office. In 1846 Elias Howe invented the sewing machine. Howe's machine was not much like the one which we are using at the present time, but it did lift a tremendous burden from the shoulders of the wife and mother. The machine now sews our clothing and shoes as well as hundreds of other articles in common use.

Sewing machines had been invented in England and France long before this time but they were not wholly successful. American machines are now considered better than those made in other countries and have a very large sale in all parts of the globe. At present machines are shipped from this country to nearly every point in the civilized world.

The Printing Press. We have already noticed (p. 333) the invention of the printing press by Gutenberg in the fifteenth century. From this humble beginning the printing press has developed into the massive rotary press which we now see in our great newspaper offices. One of these giant presses will print 50,000 copies of a thirty-two page newspaper in an hour. The sheets are printed on both sides, cut, folded, and counted and ready for delivery to the newsboys. If the newspaper is only eight pages in size the press will turn out 200,000 copies per hour.

It is not necessary to point out the tremendous influence which the printing press has had in the civilization of the world. If has meant cheap books, cheap newspapers, and cheap magazines for the masses of the people.

The Type-Setting Machine. Closely related to the printing press is the type-setting machine. Setting type by hand



PRINTING PRESSES ON A DAILY NEWSPAPER

is a very slow and costly process. Before 1822 the printer picked up each letter separately and set it in its place. When the job of printing was done he distributed the type by hand in the same way. Now a large part of the type-setting in printing establishments is done by means of type-setting or type-casting machines.

William Church was the inventor of the type-setting machine. His machine set up single letters of ordinary type

in a row or line. The later machines *cast* and set the type at the same time. The linotype invented by Mergenthaler is a good example of this kind of machine. The linotype is now in use in newspaper offices, large and small alike, all over the civilized world. It is used to cast and set type in the languages of all the leading nations.

These machines enable the operator to set type with remarkable rapidity and thus the cost of printing has been greatly lessened.

The Typewriter. The typewriter is another ingenious and useful invention. It has completely revolutionized the work of business offices all over the world.

A British patent on a writing machine was granted to Henry Mill as long ago as 1714, but we do not know much about the construction of his machine. In 1829 an American patent was granted to William Burt, but the records of his machine have also been lost or destroyed. From this time on, inventors have been busy and have produced a score of machines remarkable for their accurate and beautiful work.

The typewriter is now indispensable in a modern business or professional office. The Government offices in Washington would be hopelessly crippled without it.

Calculating Machines. The "adding machine" and the "cash register" also constitute very useful additions to the working equipment of a business establishment. The adding machine, or calculating machine, as it is sometimes called, is used for making arithmetical calculations with speed and accuracy. It works with almost human intelligence and with more than human accuracy. It is now in general use in all banks and commercial offices.

The inventor of the machine was a Frenchman named Pascal. His first machine was built in 1642. Since his time many other calculating machines of various kinds have been invented. These machines add, subtract, multiply, divide and extract the square root.

Electric tabulating machines are used in the Census Bureau in Washington to sum up and put on record the results of the United States Census. It would be impossible at the present time to do this work without the aid of these machines.

The cash register is a form of calculating machine which is now used the world over in retail stores. The first practical cash register was invented in 1879 by an American named James Ritty. Since Ritty's time many additions and improvements have been made to the register.

It is interesting to note that at the present time American sewing machines, cash registers, typewriters, linotype machines and printing presses almost have a monoply of the world's business.

Instruments for Carrying News. When early man wished to send a message to his neighbor he built a signal fire on a hilltop or went up on a high place and made a series of motions or gestures with his arms, sometimes holding a small flag or piece of cloth in his hands. This system of signaling, in a more highly developed form, is still in use in the army. The wigwag flag used by military men in sending messages is based on this ancient practice.

Gradually other and better methods were devised. In 1844 Professor Samuel F. B. Morse invented the electric telegraph which, by means of a system of dots and dashes,

was made to transmit messages over long distances. Morse's invention made it possible to send news from place to place with great rapidity and did much towards building up the modern daily newspaper. The great press associations now gather the news from the ends of the earth and send it to the newspaper offices.

THE "GREAT EASTERN" LANDING THE ATLANTIC CABLE AT NEWFOUNDLAND

The Ocean Cable. In 1866 the telegraph line went out to sea. In that year Cyrus W. Field succeeded in connecting America with Europe by means of a telegraph cable lying upon the bottom of the Atlantic Ocean. To do this was a stupendous task. Field worked at his job steadily for twelve years and crossed the ocean fifty times before he was successful.

The globe is now encircled with a net-work of ocean cables and we know the news of the remote parts of the world only a few minutes after the events occur.

The Telephone. The "telephone," another indispensable instrument, was invented by Alexander Graham Bell in 1876. At first the telephone was used for speaking over short distances but in 1914 men talked from New York to San Francisco, a distance of 3,250 miles. Men are now talking over the telephone from New York to London. It is a very expensive process, however. The telephone has speeded up business to a remarkable degree and has largely displaced the telegraph in train dispatching.

A more recent and still more wonderful development is the sending of signals through space without the use of wires. This is called "wireless telegraphy" or "radio telegraphy." This was first successfully done by William Marconi, an Italian, in 1901. In that year he succeeded in sending signals from England to Newfoundland, a distance of 2,000 miles. After this successful test had been made Marconi became famous and the cable companies were very much afraid that their business would be ruined. The wireless is now used in many practical ways, the ocean-going steamships being equipped with sending and receiving apparatus.

"Listening In" at His Radio Set

And now by means of his little radio set the farmer gets the latest news, including the market quotations, and the

city dweller sits at his own fireside and listens to a concert or a lecture in a distant city.

PHYSICAL WELFARE

While man was making inventions and discoveries to improve his economic condition and his standard of living, he was also giving attention to his own physical welfare.

We have seen that in the seventeenth century in both Europe and America little attention was paid to hygiene or the laws of health. In fact, very little was known about these important matters. Gradually, however, man began to study the prevention and cure of disease. There are a few epoch-making discoveries which should receive our attention in this connection.

Vaccination. Smallpox had long been one of the scourges of mankind. It was a loathsome and deadly disease and when once started in a neighborhood usually carried off a large proportion of the population. In 1798 Doctor Edward Jenner, an English physician, announced his discovery of vaccination. He had been studying the problem for a long time and had found that a person inoculated with vaccine from cowpox was made immune from smallpox or, at any rate, would have the disease only in a very mild form. We have since found out how to protect ourselves in a similar way from typhoid fever and other diseases. Many people in our own day are dispensing with the ordinary "cold" and with hay fever by similar methods.

Anaesthetics. Before the middle of the nineteenth century all surgical operations were performed without the use of anaesthetics to deaden the pain. The result was that great suffering was endured and that comparatively few

operations were performed. About 1844 it was found that persons might be made insensible to pain by inhaling ether or chloroform. About this time surgeons began to perform operations upon patients while under the influence of these drugs. Doctor Long of Georgia and Doctor Morton, a Boston dentist, were pioneers in the use of anaesthetics. This discovery has prevented untold human suffering and has aided very greatly in building up the great hospitals of the world.

Antiseptic Surgery. Another important step yet remained to be taken. It was frequently noted that after an operation had been performed, an infection set in in the wound and the patient died. Lord Lister, an English surgeon, made a careful study of the problem, making use of experiments in fermentation by Louis Pasteur, an eminent French chemist, and succeeded in disinfecting the wound so as to avoid this difficulty. At first he used carbolic acid to kill the germs and medicated cotton to protect the wound. In this way the "death rate in surgical cases was enormously reduced, and operations never before undertaken became possible." This was the beginning of antiseptic surgery and its importance can easily be seen.

An account of all the important inventions and discoveries of the human race would be a very long story. There are, however, a few more to which reference should be made in bringing this chapter to a close.

In 1839 a Frenchman named Daguerre invented a process for making pictures by exposing a prepared copper plate to the sunlight. This was the beginning of modern photography. Since that time remarkable improvements,

including the moving picture, have been made in the photographic art.

In 1844 Charles Goodyear discovered a process whereby rubber could be made harder, more durable, and more elastic. This process is known as vulcanizing. As a result of it we are able to make all kinds of rubber goods—boots, shoes, caps, coats, water bottles, tires, and many other things, thereby increasing our comfort and convenience.

The arc and incandescent lamps for electric lighting were important contributions to the welfare of the human race. Good lighting adds to the comfort and cheerfulness of the home. Good factory lighting makes it possible to continue industrial operations through the twenty-four hours of the day. And good street lighting greatly decreases crime.

Spectacles have also added much to the happiness and efficiency of mankind. They were probably invented by the Chinese. The Arabs used them in the eleventh century as did the Italian monks in the thirteenth. They are now a boon to mankind everywhere.

The humble friction match and the shoe peg have also had a place in the development of civilization.

The past has been interesting and remarkable. We sometimes wonder what the future has in store for us. Along what lines do you think the most important inventions and discoveries of the future will be made?

In this "Introduction to American History" we have tried to show that *Europe is the Mother of America.* The beginnings of American History are to be found in the Old World. The roots of our history and institutions

may be traced to European soil. American History is the continuation and the outgrowth of the history of Europe. American civilization, on the whole, is based on the civilization of Europe, although it has developed along independent lines and is now very different in some respects from the civilization of the mother country. We cannot, therefore, understand the history of our own country without knowing something of the history of Europe. We trust that a study of this little book will enable you to understand better and to appreciate more fully the wonderful story of your country's history from the founding of Jamestown to the present day.

QUESTIONS AND SUGGESTIONS — TO THE PUPIL

1. Point out on the map the principal coal and iron deposits of the United States.
2. Make a list of the uses of the steam engine.
3. Show the relation between transportation facilities and business.
4. Why do we have such a large railroad mileage in the United States?
5. Do you think that we have laborers enough in the United States to do the work of the farm with the tools and implements which were used before 1830?
6. Make a list of inventions and discoveries not mentioned in this chapter. Which ones in your list do you consider the most important?
7. It is said that the average length of human life is increasing. Do you see any reason for this? What interest would a life insurance company have in this fact?

PRONOUNCING LIST

anaesthetics. ăn'ĕs-thĕt'iks
Daguerre. Da-gâr'
Gutenberg. Gōō'tĕn-bĕrk
immune. ĭ-mūn'
indispensable. in'dis-pĕn'sa-ble
ingenious. ĭn-jēn'-yūs
inoculated. ĭn-ŏk'ū-lāt-ĕd
linotype. lĭn'ō-tīp
Marconi. Mär-cō'nĭ
Pascal. Păs'kăl
Pasteur. Pas-tûr'
telegraphy. tĕ-lĕg'ra-fĭ

IMPORTANT DATES

476. Fall of Roman Empire; or Roman Empire became German Empire.
800. Charlemagne crowned Emperor.
1000. Northmen came to America.
1066. Norman conquest of England.
1215. The great charter.
1265. English House of Commons founded.
1440. Printing invented about this time.
1453. Fall of Constantinople.
1492. Discovery of America.
1497. John Cabot discovered mainland of North America.
1507. Naming of America.
1524. French first came to America.
1577–1580. Drake sailed around the world.
1588. Destruction of Spanish Armada.
1607. Founding of Jamestown.
1608. Founding of Quebec.
1609. Henry Hudson in New York harbor.
1620. Plymouth colony founded.
1769. Invention of steam engine.
1793. Invention of cotton gin.
1807. Invention of steamboat.
1825. Invention of locomotive.
1835. Invention of McCormick reaper.
1844. Invention of electric telegraph.
1846. Invention of sewing machine.
1866. Laying of Atlantic Cable.
1876. Invention of telephone.
1901. First wireless message sent across Atlantic.

SUGGESTIONS TO TEACHERS

This text-book for the sixth grade is an attempt to follow out the recommendations of the Committee of Eight of the American Historical Association. The first seventeen chapters show how far back the roots of our history extend and what have been the contributions of the Ancient World to the "New World." The next nine chapters cover the period of discovery and exploration down to the settlement of Jamestown. The concluding chapters afford a glimpse of the lands from which our forefathers came and also the tools and inventions of which they made use after landing. These points have been emphasized:

1. The steady westward movement, from the five early nations dealt with in the first chapter, on to Greece, to Rome, and through the expansion of the Roman Empire to England; the overthrow of the Romans by the Germans; the beginning of modern European States; the revival of learning following the Dark Ages; the discovery of America; and the struggle for supremacy in the New World.

2. The growth of knowledge of the earth and its people; the changing conception of the shape and size of the earth; the contributions of early peoples to the discovery of America, and the consequent broadening of man's conception of his relation to the world.

3. The contributions of each of these great Nations and peoples to the stream of world civilization. An effort has been made to show clearly how much we at this day are indebted to all the ages that have gone before — that we, here in the United States, are truly "the heirs of all the ages."

This text takes it for granted that the seventh and eighth years will be given chiefly to a serious study of United States history.

The treatment has been in the main chronological, without any attempt, however, to give a connected history of any nation. The principal aim has been to adapt the material of history to the sixth-grade child in such a way that he may acquire the historical sense and perspective, so that he may feel something of the spirit of history and may have an interest in human progress and development.

Howsoever excellent any text-book may be it will not teach itself. It is only the tool in the hands of the pupil by means of which the teacher may guide him into the realization of the aims stated above. So it is thought well in this connection to make some specific suggestions to teachers of history — suggestions most of which are the outcome of actual experience in classroom work. These suggestions are based upon the following beliefs:

1. That the material aspects of the past must furnish the foundation. Vivid images of concrete things in the past may best be created by pictures, models, casts, and the like.

2. That the particular acts of the children or of their elders must furnish the basis for comprehension of historic acts. These should be supplemented by word-pictures and stories concretely told.

3. That children must be led to think and feel about certain men and acts as these men themselves felt, by:

a. Dramatization of historic scenes.
b. Writing imaginary letters.
c. Imagining themselves present at certain scenes, and relating what happened.
d. Keeping imaginary diaries.
e. Expressing written opinions on certain acts, either defending or opposing.
f. Learning and reciting parts of famous speeches or poems.

4. Collective facts can only be securely fixed through the massing of particular instances.

SUGGESTIONS

I. Use of the Recitation Period

1. One of the standards of judging classroom teaching in any subject is the extent to which it provides for the *individuality* of the child. There is danger in history teaching that it will become merely a "cramming process" and that the child will have no opportunity to react to the mass of historical information with which he comes in contact. The child's natural curiosity and desire to know more about things should always be encouraged. So the recitation period, instead of being a time when

children "*recite*" facts read from the text, should rather be a time for asking questions and for clearing away misconceptions.

Let the recitation period be given over at times merely to finding some live problem which is a felt need on the part of the children, and subsequent periods may be given to having children offer their contributions to its solution. The absence of many fact questions at the ends of the chapters is to be noted. Questions arising from within the children themselves will set the first and most fundamental requirement for systematic study.

2. This period should be used at times to show the children how to use a text. Certain chapters should be read through slowly and critically with frequent reference to maps, dictionaries, pronouncing list, and other supplementary material.

3. Other chapters, as for instance Chapter XIX on "Columbus," should be read straight through as a reading lesson.

4. This period is the best time for the massing of single details into collective facts, in other words, for the organization of material and the making of summaries.

5. The recitation is also the proper place for fixing the few important dates which pupils need to know. These should be thoroughly memorized.

II. Supplementary Material

Maps

1. The maps inserted throughout will be found very helpful.

2. The use of the double-size desk outline maps such as are published at trivial cost by the McKinley Publishing Co., Philadelphia, is strongly recommended.

3. A map of the world is absolutely necessary.

4. A blackboard outline map for tracing discoveries and explorations. A. Flanagan Co., Chicago, publish such maps.

Pictures

1. Perry Picture Co., Malden, Mass., have sets of pictures excellent for all periods of history. These cost one cent each.

2. Encourage children to bring pictures to school, illustrating points in the lessons. A recognition of many of the world's famous men, buildings, works of art, etc., should be one of the products of history study.

Books

In the suggestions for teachers on each chapter, certain books are recommended. These are books that should be in the library of every teacher of history.

Many of the children will come from homes well supplied with good books. Encourage them to read from them, to bring them to the class, and to make oral reports on parts read.

The Community

In almost every community there will be one individual who has visited some of the famous historical shrines. Have the class invite him to talk to them about such places.

III. A History Game

Let each pupil personify some character with whom all members of the class are familiar, for instance, Christopher Columbus. He should have read from other sources so that when he personifies before the class the individual chosen, he will introduce as much new material as possible. He will not tell the things commonly known about Columbus. The other members of the class listen for the purpose of identifying him, but no pupil must announce who he thinks it is. He must make the pupil on the floor disclose his identity, by asking him some question such as, "Are you the man who sailed from Palos in 1492 to find a western passage to the Indies?" To which the pupil on the floor who is personifying Columbus will reply, "Yes, I am Christopher Columbus."

If a question be asked which shows that the one asking it does not know the individual personified, as for instance, "Are you the man who singed the beard of the King of Spain?" then the one on the floor must say, "No, I am not Sir Francis Drake." The questions may also be such as will bring out further information about the individual so as to help the questioner to know

who it is. As for instance, "Did you live in the fourteenth century?" The pupil on the floor should answer only by "yes" or "no," without saying when he lived. No pupil should be allowed to ask a question until he has at least a tentative opinion as to who is personified.

The same game may be played for historic buildings and places.

The following recommendations on the different chapters are not intended to be exhaustive, but are such as may be carried out by any teacher, and such as do not require extensive or expensive equipment. They are in most cases intended to be merely suggestive, and may be adapted by any teacher to his particular environment and equipment.

CHAPTER I

1. Maps. The use of a desk outline map by the pupil to locate each of the nations as taken up in the text will be found very helpful. On this map he can print the name of the nation, its principal products and industries. He may also locate the important rivers, the "Royal Road," the trade routes of the Phoenicians, etc. Then as a summing up of the chapter, on a line drawn from the site of each nation and extending toward the west, place what this nation has contributed to the world's civilization.

The teacher may use a larger outline map to guide and direct the work of the children.

2. Old Testament as a source-book. Use as supplementary wherever it will help, as for instance:

a. Story of Joseph and his brothers — richness of land of Egypt.

b. Building of Temple at Jerusalem.

c. The Ten Commandments.

3. Pictures. Perry Picture Co., of Malden, Mass., make excellent pictures. Have a collection of these and ask the children to look out for pictures bearing on the text.

CHAPTER II

1. Preparatory to understanding Greek civilization, have the children use their geographies to work out the islands of Greece, the long and irregular coast-line, the high mountains, and sequestered valleys, and lead them to see the effect of these physical features on the industries and character of the people.

2. Locate on the outline map used with Chapter I: Athens, Sparta, Salamis, Aegean Sea, Marathon, Thermopylae, etc.

CHAPTER III

1. If possible get a copy of "A Reading from Homer" by Alma-Tadema. Let the children imagine themselves the auditors. The scene may be in some measure made real by the teacher reading from Bryant's Translation of the Odyssey.

2. *Books.*

a. Hawthorne's version of some famous old Greek stories — Tanglewood Tales; Riverside Literature Series, Houghton, Mifflin Co., Boston.

b. Harding, S. B. — Greek Gods, Heroes and Men.

CHAPTER IV

1. The Acropolis, and the Parthenon should become so familiar that pupils will always recognize them. Pictures of Ionic, Doric, and Corinthian columns should be used and the distinctive characteristics of each pointed out.

2. The children should also become thoroughly familiar with a few of the Greek masterpieces of sculpture, as the Hermes by Praxiteles, the Discobolus by Myron, Zeus by Phidias, etc. Perry Picture Co. furnish pictures of Greek Art and Architecture.

3. Tarbell's "History of Greek Art."

CHAPTER VI

On the outline map used with Chapters I and II, have the children mark the location of Greek colonies and trace the campaigns of Alexander.

CHAPTER VII

1. Macaulay's "Lays of Ancient Rome" furnishes splendid material for supplementing this chapter. Read some of these stirring lays to the children.

2. Have children trace on the map Hannibal's route and the spread of the Roman Empire.

CHAPTER VIII

Use the map every day in developing the lesson. Be sure that the children know what is meant by the Roman Empire.

CHAPTER IX

1. Read from Lamb's Tales the story of Shakespeare's "Julius Caesar."

2. Get a copy of "Ben Hur," by Lew Wallace, and read to the children the description of the chariot race.

CHAPTER X

Have children bring new testaments to class and with maps follow Paul on one of his great missionary journeys. Estimate the number of miles he traveled. See Acts of the Apostles, XV-XXXI. Call attention to hardships he had to endure, to the value of his Roman citizenship, to the speech to the men of Athens, Acts XVII, etc.

CHAPTER XI

The Nibelungenlied — sometimes called the German Iliad — gives a clear conception of German ideals. Read from some one of the numerous translations the adventures of Siegfried, the hero.

CHAPTER XII

Eva March Tappan's "European Hero Stories" and Harding's "Story of the Middle Ages" are excellent supplementary books and can be read by the children. These may be used with Chapter XII and following chapters.

CHAPTER XIII

Books. Sidney Lanier's "The Boy's King Arthur" or any other of the several good King Arthur Stories; Jennie Hall's "Viking Tales."

CHAPTER XIV

Some of the more important dates in English history should be kept before the pupils from now on:

a. The coming of the Romans.
b. The Anglo-Saxon Invasion.
c. The Danish Invasion.
d. The Norman Conquest.

CHAPTER XV

1. Robinson's "Readings in European History," Vol. I, "How the English won the Magna Charta."
2. Eva March Tappan's "European Hero Stories," "Winning of the Magna Charta."

CHAPTER XVI

1. Read from Harding's "Story of the Middle Ages," chapters describing the life in castle and in village.
2. Make a drawing on the blackboard showing plan of castle and the surroundings.

CHAPTER XVII

1. See Eva March Tappan's "European Hero Stories," on the Crusades.
2. From the Old South Publishing Co., Boston, you may get for five cents, a reprint of Marco Polo's description of Japan and Java. It is in the Old South Leaflets series.

CHAPTER XVIII

1. A blackboard outline map of the world, on which may be traced the voyages and explorations of the next chapters is almost indispensable.

2. Suppose you put the problem of "Finding a New Trade Route to the East," to the children before they read this chapter. They must have a clear conception of the problem, of the equipment at hand to solve it, its difficulties, etc. It will be necessary for you to read this chapter first so that you may be prepared to show the difficulties as they suggest different solutions. Let them work on it until they are satisfied with their answer. Then let them read this chapter.

CHAPTER XIX

1. Washington Irving's "Columbus," Book 3, describes his first voyage. Extracts from this read to the children will help to make vivid and real the courage required to make a success of his first voyage.

2. Old South Leaflets Nos. 29 and 31, on Columbus.

CHAPTER XX

1. Use the blackboard outline map to trace the routes of these explorers. Different colored crayons may be used for the different nations.

2. Old South Leaflets Nos. 37 and 115, "Voyages of the Cabots."

CHAPTER XXI

1. You need now a good outline map of North America. The children should be supplied with desk-size maps. Let them trace the explorations of the Spanish in one color and place the date and name on the line. The same map may be used in succeeding chapters, using different colors for different nations.

2. Old South Leaflets, No. 35, "Cortez' account of City of Mexico"; No. 36, "Death of De Soto."

CHAPTER XXII

Continue the map begun in preceding chapters, writing name and date of the explorer on the line showing his route. Old South Leaflet No. 116, "Sir Francis Drake on Coast of California."

CHAPTER XXIII

Old South Leaflet No. 89, "Founding of St. Augustine."

CHAPTERS XXIV AND XXV

Let the children consult their geographies on Holland and Spain, their locations, occupations, form of government, etc.

CHAPTER XXVI

Old South Leaflets, No. 118, "Gilbert's Expedition"; No. 119, "Raleigh's Colony at Roanoke." The teacher will find Bolton and Marshall's "Colonization of North America" of great assistance in connection with the closing chapters of the book. Tryon's "Teaching of History in Junior and Senior High Schools" should be in the library of every teacher of History.

CHAPTER XXVII

A constant use of the map should be made in connection with the study of this chapter. "History without Geography is all in the air." It will be possible to correlate the two subjects very effectively in a consideration of this chapter. Poems and stories illustrating the period will be found attractive.

CHAPTER XXVIII

The pupils will be interested in compiling a list of the important inventors of the world prior to 1607 with brief biographical sketches.

CHAPTER XXIX

In connection with a study of this Chapter the pupils might well make use of the city as their laboratory. They might visit a few of the great industrial plants, witness the various operations and ask questions. They might also visit railway and steamship offices and procure advertising literature. They could with profit visit the plant of a great newspaper and witness the operation of the linotype machines and the giant presses. They might also with the aid of the teacher obtain statistics relating to the industries of their own city. These could be obtained from the reports of the United States Census Bureau. The reports of the Patent Office at Washington will also be found interesting and instructive.

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